

5/18/88

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Ohio Labor Market Information

Labor Market Review

March 1988

Summary. Ohio's seasonally adjusted unemployment rate was 7.7 percent in March, up sharply from 6.4 percent in February. The national rate was 5.6 percent, down slightly from the February level. Total employment in Ohio, at 4,958,000, was down 55,000 from February. The number of unemployed workers rose 69,000, to 411,000. Nonagricultural payroll employment (seasonally adjusted) in Ohio totaled 4,668,000 in March, up 3,000 from February. (See page 3.)

Factory Employment. Manufacturing employment in Ohio fell 6,000 from February, to 1,095,000 in March. Most of the decline occurred as a labor-management dispute lowered employment in durable goods to 732,000, from 737,000 the previous month. Nondurable-goods employment, at 364,000, was down fractionally.

Nonmanufacturing. Employment in nonmanufacturing industries advanced 10,000 from February, to 3,572,000 in March. Services gained 5,000; government increased 2,000. Transportation and public utilities and retail trade rose 1,000 each. Employment in all other nonmanufacturing divisions was unchanged from February.

Over the Year. Ohio's total employment increased 120,000 from March 1987 to March 1988. There were 12,000 more jobless Ohioans in March 1988 than in March 1987, raising the unemployment rate from 7.6 percent to 7.7 percent. The U.S. rate fell from 6.5 to 5.6 percent during the same period. Nonfarm wage and salary employment was up 116,000 from March 1987. Employment in services increased 46,000, retail trade advanced 26,000, and construction rose 18,000. Mining was the only nonmanufacturing division to lose employment, declining 1,000. Manufacturing employment was up 2,000, as an increase of 7,000 in nondurable-goods employment was nearly offset by losses in durable goods.

Factory Hours and Earnings. Manufacturing production workers in Ohio grossed an average of \$510.18 per week in March, up \$7.32 from February. Their average workweek of 42.8 hours was .4 hours longer. Most industries had higher earnings. The effect of a sizable increase in motor vehicles and equipment, resulting from additional overtime, was reduced by loss of earnings due to a labor-management dispute in aircraft and parts. Metal forgings and stampings, miscellaneous plastics products, iron and steel foundries, and meat products also had important increases.

Benefits and Costs. There were 46,783 initial claims filed under the Ohio Unemployment Compensation Law in March, down 17.7 percent from February, and down 20.6 percent from March 1987. Total benefits paid, at \$81.7 million, were up 11.3 percent from February. The average weekly benefit check of \$156.95 was fractionally higher. The average weekly number of benefit recipients declined 3.7 percent, to 114,848. At the end of March, there were 199,798 active employer accounts.

Ohio Bureau of Employment Services

Richard F. Celeste, Governor

Grace Kilbane, Acting Administrator

Employment Service. The Ohio Bureau of Employment Services aided 40,729 new job applicants in March, up 7.2 percent from February and up 7.6 percent from March 1987. The number of job openings received increased 31.4 percent, to 12,420. The Employment Services Division made 25,632 job referrals and 5,521 placements.

Ohio has become a Wage Recording State

Ohio's system of payroll reporting is changing significantly as a result of congressional action taken in 1984. The Social Security Act was amended to require states to establish a system to crossmatch income eligibility data and to collect individual employee wage data from their employers. In Ohio, the Unemployment Compensation Law was changed to meet the congressional mandate and, simultaneously, to convert from a wage request system to a wage reporting system for unemployment compensation purposes. Under this system, OBES will collect wage data for all employees on a quarterly basis instead of requesting wage information when an application for benefits is filed.

Some of the benefits of the Wage Record System are:

- * streamlining of the claims processing procedure;
- * revealing of unreported employment; and
- * reduction in the number of UC appeals.

For more information about the Wage Record System, contact OBES on the Wage Record Hotline (1-800-654-8098).

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**Seasonally Adjusted Civilian Labor Force
& Nonagricultural Wage & Salary Employment
Estimates for Ohio^a**

	Estimates (in thousands)			Change ^b (in thousands)		Percent Change ^c	
	Mar. 1988	Feb. 1988	Mar. 1987	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data^d							
Civilian Labor Force	5,369	5,355	5,237	14	132	0.3	2.5
Employment	4,958	5,013	4,838	-55	120	-1.1	2.5
Unemployment	411	342	399	69	12	20.2	3.0
Unemployment Rate	7.7	6.4	7.6				
Employer Survey Data^e							
Total	4,668	4,665	4,552	3	116	0.1	2.5
Manufacturing	1,095	1,102	1,093	-6	2	-0.6	0.2
Durable Goods	732	737	737	-6	-5	-0.8	-0.7
Nondurable Goods	364	364	356	-1	7	-0.2	2.1
Nonmanufacturing	3,572	3,563	3,459	10	113	0.3	3.3
Mining	20	20	21	0	-1	-2.0	-6.5
Construction	192	192	175	0	18	0.1	10.1
Transportation and Public Utilities	208	207	206	1	2	0.6	1.0
Wholesale Trade	254	254	246	0	8	0.1	3.1
Retail Trade	870	869	845	1	26	0.1	3.0
Finance, Insurance, and Real Estate	249	249	241	0	9	0.2	3.6
Services	1,084	1,079	1,038	5	46	0.5	4.4
Government	694	692	687	2	7	0.3	1.0
Goods Producing Industries ^f	1,308	1,315	1,289	-7	19	-0.5	1.4
Service Producing Industries ^g	3,360	3,350	3,263	10	97	0.3	3.0

^aData for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. ^bChanges are computed from unrounded numbers. ^cPercentages are computed from unrounded numbers. ^dFrom the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. ^eFrom the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. ^fIncludes Mining, Construction, and Manufacturing. ^gIncludes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates^a

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate	
Total	Employed	Unemployed	Ohio	U.S.
5,305	4,900	405	7.6	7.1
5,243	4,816	427	8.1	7.1
5,180	4,773	407	7.9	7.2
5,197	4,746	451	8.7	7.1
5,200	4,777	423	8.1	7.0
5,194	4,773	421	8.1	6.9
5,174	4,737	437	8.4	7.0
5,230	4,813	417	8.0	6.9
5,265	4,868	397	7.5	6.9
5,275	4,854	421	8.0	6.7
5,276	4,849	427	8.1	6.7
5,295	4,850	445	8.4	6.6
5,237	4,838	399	7.6	6.5
5,236	4,854	382	7.3	6.3
5,277	4,884	393	7.4	6.3
5,251	4,874	377	7.2	6.1
5,252	4,886	366	7.0	6.0
5,234	4,873	361	6.9	6.0
5,181	4,891	290	5.6	5.9
5,215	4,900	315	6.0	6.0
5,263	4,945	318	6.0	5.9
5,264	4,937	327	6.2	5.8
5,330	4,983	347	6.5	5.8
5,355	5,013	342	6.4	5.7
5,369	4,958	411	7.7	5.6

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural			
	Manufacturing		
	Durable	Non-durable	
1986			
March	4,437	1,117	760
April	4,458	1,117	760
May	4,463	1,112	755
June	4,464	1,112	755
July	4,472	1,108	751
August	4,481	1,107	750
September	4,484	1,098	742
October	4,495	1,098	740
November	4,509	1,102	744
December	4,521	1,103	745
1987			
January	4,532	1,096	740
February	4,549	1,099	742
March	4,552	1,093	737
April	4,552	1,096	738
May	4,560	1,094	736
June	4,568	1,092	735
July	4,567	1,082	725
August	4,589	1,095	734
September	4,597	1,097	737
October	4,610	1,097	736
November	4,626	1,100	738
December	4,639	1,103	739
1988			
January	4,654	1,104	739
February	4,665	1,102	737
March	4,668	1,095	732

Ohio Nonmanufacturing Wage & Salary Employment

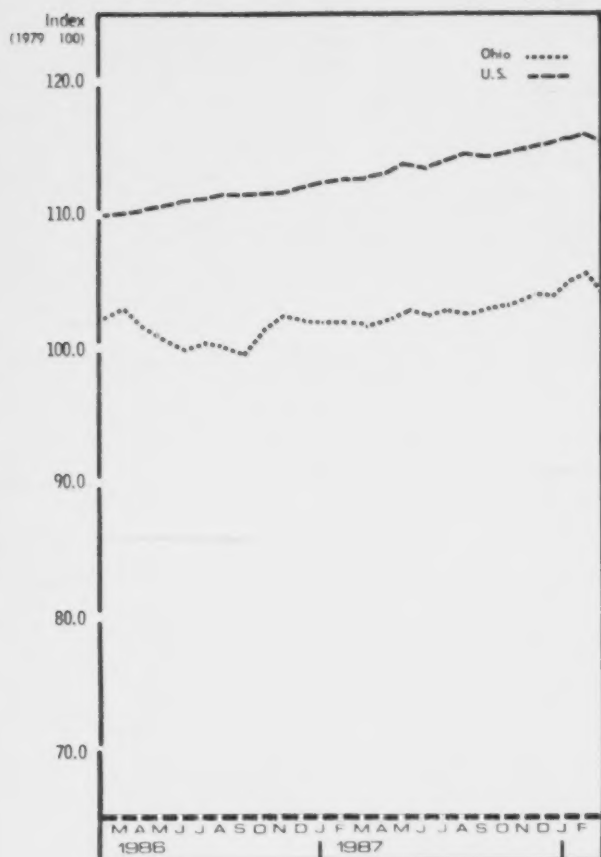
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
3,320	24	156	202	244	810	227	981	676
3,342	23	161	203	244	813	229	990	677
3,351	23	161	203	244	815	231	996	679
3,352	22	160	198	244	818	232	998	679
3,364	22	160	204	244	820	233	1006	676
3,374	22	161	204	244	823	234	1009	678
3,385	21	161	204	244	825	235	1012	683
3,397	22	163	205	244	827	237	1017	683
3,406	22	164	206	244	828	238	1023	682
3,418	22	166	206	244	830	239	1028	684
3,436	22	173	206	245	836	239	1029	686
3,451	22	174	206	246	842	240	1035	686
3,459	21	175	206	246	845	241	1038	687
3,457	21	173	206	247	841	241	1040	687
3,467	21	174	207	248	844	242	1044	687
3,476	21	175	207	248	845	243	1049	688
3,484	21	176	207	249	847	244	1054	686
3,494	21	177	207	250	850	245	1057	688
3,500	21	178	207	251	852	245	1060	686
3,514	20	180	208	251	855	246	1064	690
3,526	20	182	207	252	857	246	1069	692
3,536	20	185	208	253	859	247	1072	693
3,550	20	191	208	253	864	248	1075	689
3,563	20	192	207	254	869	249	1079	692
3,572	20	192	208	254	870	249	1084	694

^aEstimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

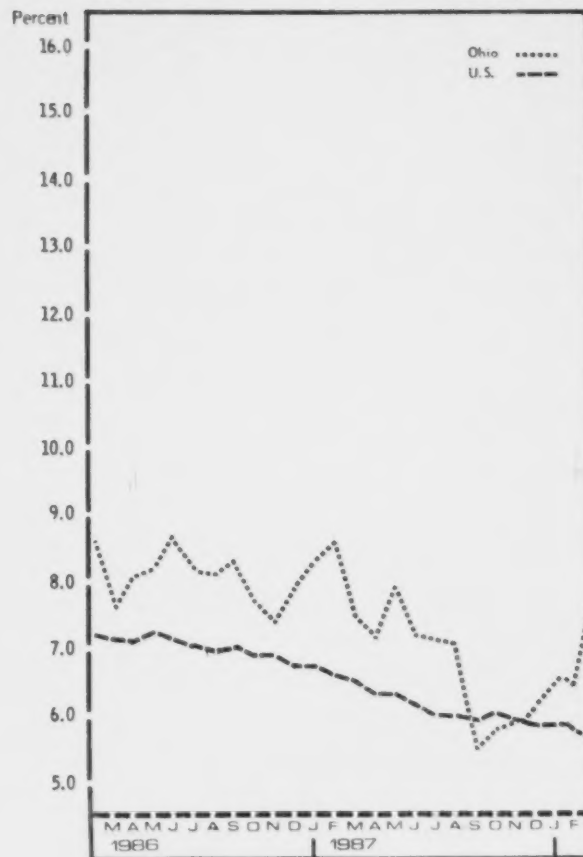
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.

(Seasonally Adjusted)



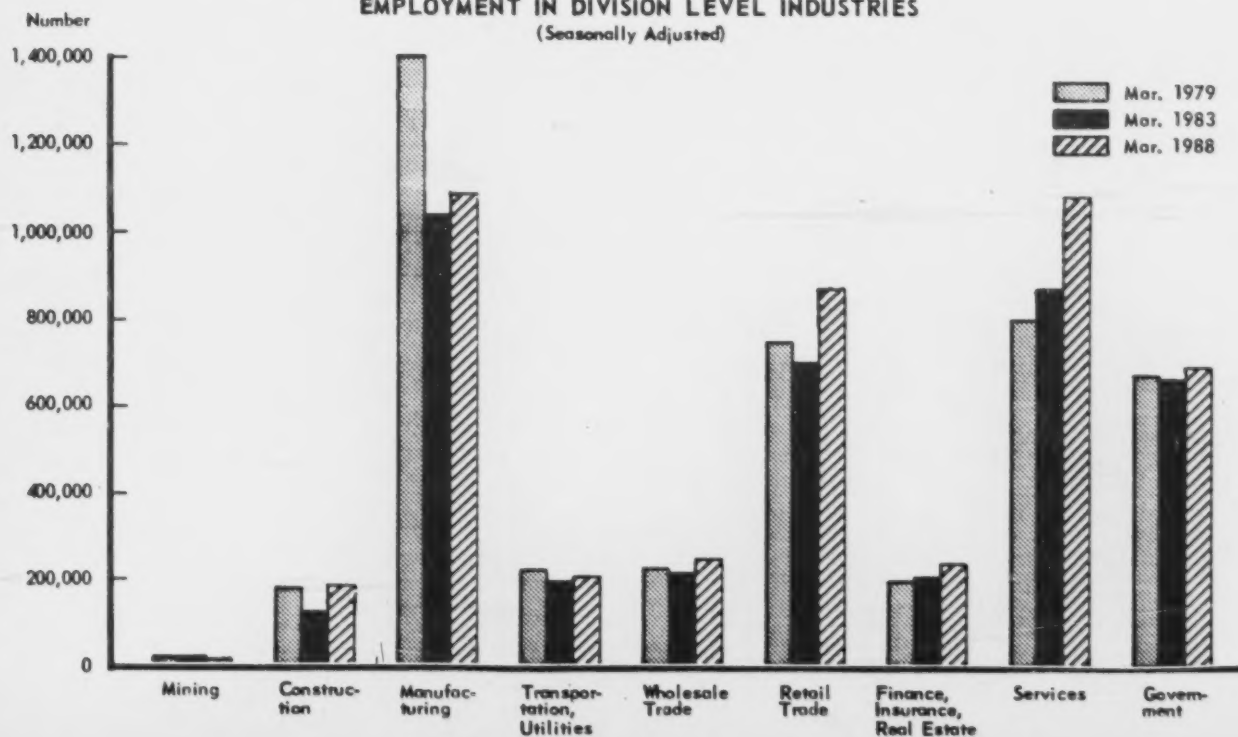
UNEMPLOYMENT RATES
OHIO AND U.S.

(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES

(Seasonally Adjusted)



Employment, Hours & Earnings in Manufacturing in Ohio^a

Manufacturing Employment

(in thousands)

	Manufacturing		
	Durable Goods	Nondurable Goods	
1,344.1	945.2	398.9	1977
1,377.2	974.5	402.7	1978
1,382.3	980.5	401.8	1979
1,264.3	882.6	381.8	1980
1,232.6	860.4	372.2	1981
1,099.9	752.4	347.5	1982
1,066.0	723.6	342.4	1983
1,127.0	773.4	353.6	1984
1,124.3	768.7	355.5	1985
1,109.8	752.7	357.1	1986
1,095.3	736.4	358.9	1987
1987			
1,086.6	733.8	352.7	March
1,093.1	738.4	354.6	April
1,094.9	738.7	356.2	May
1,097.6	739.1	358.5	June
1,084.3	725.5	358.8	July
1,097.5	733.6	363.9	August
1,108.3	742.1	366.2	September
1,099.8	736.4	363.4	October
1,103.7	740.2	363.6	November
1,102.9	738.6	364.3	December
1988			
1,094.5	732.6	361.9	January
1,092.4	732.3	360.1	February
1,088.6	728.9	359.7	March

Production Workers

In Manufacturing

Production Workers	Aggregate Weekly Payroll	Aggregate Weekly Hours
(in thous.)	(in millions)	(in millions)
958.0	\$271.2	40.2
985.5	302.5	41.5
979.0	318.5	40.6
867.8	301.9	35.2
847.7	330.4	34.7
735.7	297.1	29.5
721.6	315.4	29.9
781.5	362.3	33.1
773.4	369.7	32.5
758.5	369.1	31.9
748.5	374.0	31.9
1987		
741.0	369.4	31.5
746.8	368.2	31.4
747.3	371.9	31.8
748.3	373.0	31.9
735.3	356.7	30.8
749.2	368.9	31.7
760.8	380.5	32.4
753.7	380.3	32.3
759.0	388.2	32.8
758.6	388.9	32.8
1988		
750.1	380.8	32.1
748.5	376.4	31.7
744.3	379.7	31.9

Production Workers Average Weekly Earnings

Manufacturing		
Durable Goods	Nondurable Goods	
\$283.08	\$292.02	\$258.34
306.91	316.83	279.30
325.36	335.30	297.78
347.94	358.57	319.99
389.78	401.64	358.16
403.81	414.80	378.95
437.18	452.35	402.52
463.61	482.38	417.83
477.96	499.56	425.80
486.68	507.95	439.71
499.70	519.52	455.03
1987		
498.53	519.95	448.86
492.99	514.25	443.72
497.68	517.45	450.78
498.42	517.37	453.95
485.20	501.76	450.02
492.37	510.00	453.36
500.12	516.67	461.92
504.50	524.02	461.07
511.49	531.57	466.90
512.67	532.36	469.27
1988		
507.61	527.11	464.45
502.86	525.16	454.27
510.18	531.42	460.32

Production Workers Average Weekly Hours

Manufacturing		
Durable Goods	Nondurable Goods	
42.0	42.2	41.4
42.1	42.3	41.5
41.5	41.6	41.1
40.6	40.7	40.2
40.9	40.9	40.7
40.1	40.0	40.4
41.4	41.5	41.2
42.3	42.5	41.7
42.0	42.3	41.3
42.1	42.4	41.6
42.6	42.9	41.9
1987		
42.5	42.9	41.6
42.1	42.5	41.2
42.5	42.8	41.7
42.6	42.9	41.8
41.9	42.2	41.4
42.3	42.5	41.9
42.6	42.7	42.3
42.9	43.2	42.3
43.2	43.5	42.6
43.3	43.6	42.7
1988		
42.8	43.1	42.3
42.4	42.8	41.6
42.8	43.1	42.0

Production Workers Average Hourly Earnings

Manufacturing		
Durable Goods	Nondurable Goods	
\$6.74	\$6.92	\$6.24
7.29	7.49	6.73
7.84	8.06	7.25
8.57	8.81	7.96
9.53	9.82	8.80
10.07	10.37	9.38
10.56	10.90	9.77
10.96	11.35	10.02
11.38	11.81	10.31
11.56	11.98	10.57
11.73	12.11	10.86
1987		
11.73	12.12	10.79
11.71	12.10	10.77
11.71	12.09	10.81
11.70	12.06	10.86
11.58	11.89	10.87
11.64	12.00	10.82
11.74	12.10	10.92
11.76	12.13	10.90
11.84	12.22	10.96
11.84	12.21	10.99
1988		
11.86	12.23	10.98
11.86	12.27	10.92
11.92	12.33	10.96

^aEstimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio^a

Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products
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Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment
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Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
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Employment

(in thousands)

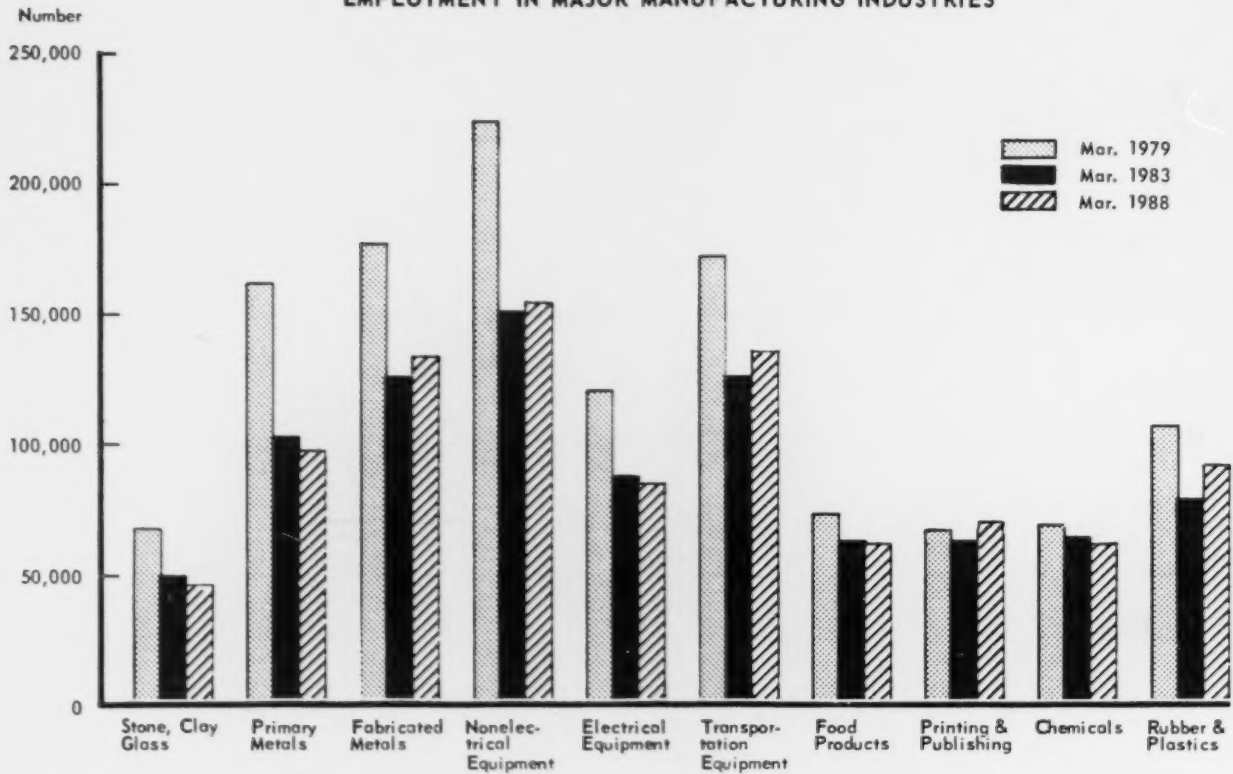
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.0	95.4	133.4	1987	154.4	86.3	148.0	1987	63.4	70.2	92.9
			1987				1987			
47.3	94.8	132.7	March	153.7	86.8	149.2	March	61.7	68.8	92.2
47.7	94.8	133.0	April	154.3	86.0	152.6	April	61.8	69.5	92.1
48.1	94.3	133.2	May	155.0	85.9	151.8	May	62.2	69.7	92.1
48.7	95.0	134.4	June	155.7	85.8	148.5	June	62.9	69.8	92.5
48.1	93.5	131.6	July	153.4	85.9	142.1	July	63.4	70.6	91.6
48.5	95.3	132.8	August	153.8	85.4	145.6	August	67.1	70.9	92.4
48.5	97.2	134.5	September	155.2	86.4	147.4	September	67.7	70.8	93.4
48.2	97.5	134.1	October	153.9	85.4	144.4	October	64.0	71.1	94.2
48.3	98.2	135.0	November	154.4	86.2	145.3	November	63.1	71.6	94.7
48.1	98.0	134.8	December	155.1	86.3	144.2	December	63.8	71.7	94.5
			1988				1988			
46.8	97.5	133.0	January	154.8	85.9	143.1	January	62.9	70.9	94.1
46.5	97.6	133.1	February	154.8	85.9	142.4	February	62.0	70.8	93.8
47.1	98.0	134.0	March	155.1	85.5	136.5	March	62.2	71.0	93.4

Average Weekly Earnings of Production Workers

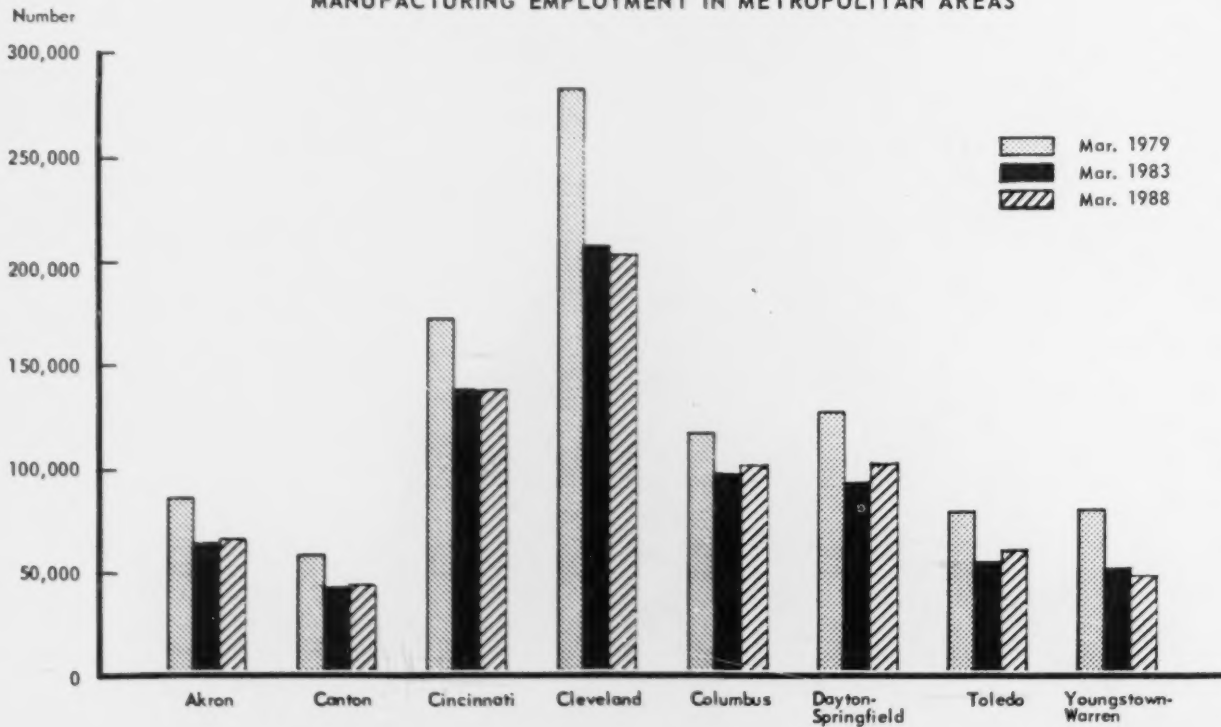
\$253.95	\$329.54	\$290.44	1977	\$279.18	\$248.44	\$359.20	1977	\$258.54	\$271.96	\$263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
			1987				1987			
449.35	587.80	506.75	March	506.32	463.29	640.46	March	436.60	415.56	438.35
447.68	595.35	491.82	April	495.33	461.61	630.08	April	430.56	414.02	431.38
457.52	594.49	495.33	May	497.14	463.14	634.04	May	440.11	418.88	435.27
453.46	599.86	501.50	June	505.36	457.32	628.65	June	445.79	422.28	441.58
446.42	597.64	473.20	July	494.89	449.21	604.07	July	434.92	420.81	436.60
440.96	603.90	484.26	August	489.41	458.43	628.00	August	435.11	432.06	443.65
460.31	630.20	484.88	September	489.41	452.08	634.36	September	453.64	444.24	437.38
451.76	601.12	503.43	October	510.85	466.07	652.50	October	432.22	442.18	453.44
457.53	614.66	511.06	November	521.70	475.58	653.43	November	444.15	446.00	454.31
451.76	611.52	514.65	December	520.68	476.27	656.37	December	455.80	450.64	451.44
			1988				1988			
448.56	614.21	506.11	January	507.17	480.80	649.28	January	450.93	434.17	448.59
453.90	610.54	508.89	February	511.81	477.57	640.41	February	438.19	433.83	441.44
465.48	613.70	511.46	March	512.35	470.96	671.06	March	443.64	439.43	444.44

^aEstimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment^a

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	4596.4	4568.8	4485.0	27.6	111.4
MANUFACTURING	1088.6	1092.4	1086.6	- 3.8	2.0
Durable Goods ^e	728.9	732.3	733.8	- 3.4	- 5.0
Lumber and wood products	20.3	19.8	18.5	.4	1.8
Furniture and fixtures	14.5	14.3	14.1	.2	.3
Stone, clay, and glass products	47.1	46.5	47.3	.6	- .2
Glass and glassware, pressed or blown	9.6	9.7	10.3	.0	- .7
Primary metal industries	98.0	97.6	94.8	.4	3.2
Blast furnace and basic steel products	45.0	44.9	42.6	.1	2.4
Iron and steel foundries	20.6	20.7	19.7	- .1	.9
Nonferrous rolling and drawing	17.3	17.0	17.1	.3	.2
Fabricated metal products	134.0	133.1	132.7	.8	1.2
Cutlery, hand tools, and hardware	9.5	9.5	9.6	.0	.0
Fabricated structural metal products	28.8	28.9	28.2	- .1	.5
Metal forgings and stampings	42.2	41.7	43.2	.5	- .9
Machinery, except electrical	155.1	154.8	153.7	.4	1.4
Construction and related machinery	12.3	12.5	12.2	- .1	.1
Metalworking machinery	39.7	39.5	40.0	.2	- .3
Special industry machinery	16.7	16.3	16.2	.3	.4
General industrial machinery	27.7	27.7	27.4	- .1	.2
Office and computing machines	13.7	13.7	13.3	.0	.4
Refrigeration and service machinery	15.5	15.6	16.3	.0	- .8
Electric and electronic equipment	85.5	85.9	86.8	- .4	- 1.2
Electrical industrial apparatus	16.4	16.3	15.8	.1	.6
Household appliances	15.1	15.6	16.8	- .4	- 1.7
Electric lighting and wiring equipment	17.0	17.1	17.3	- .1	- .3
Communication equipment	10.0	10.0	10.4	.0	- .4
Transportation equipment	136.5	142.4	149.2	- 5.9	- 12.7
Motor vehicles and equipment	93.0	92.6	93.9	.4	- .9
Aircraft and parts	34.0 ^j	40.4	46.0	- 6.4	- 12.0
Instruments and related products	23.6	23.6	22.9	.0	.7
Measuring and controlling devices	13.0	13.0	12.6	.0	.3
Nondurable Goods ^f	359.7	360.1	352.7	- .4	6.9
Food and kindred products	62.2	62.0	61.7	.2	.4
Meat products	9.1	9.4	9.5	- .2	- .4
Dairy products	10.8	10.7	10.1	.1	.6
Preserved fruits and vegetables	10.2	10.2	10.2	.0	.1
Bakery products	9.0	8.9	8.8	.1	.2
Beverages	9.2	9.1	9.4	.1	- .2
Apparel and other textile products	16.3	16.3	15.7	- .1	.6
Paper and allied products	37.4	37.4	36.4	- .1	.9
Misc. converted paper products	12.1	12.1	11.7	.0	.4
Paperboard containers and boxes	13.1	13.1	12.5	- .1	.5
Printing and publishing	71.0	70.8	68.8	.2	2.2
Newspapers	19.2	19.2	19.2	.0	.0
Commercial printing	26.3	26.2	25.9	.1	.4
Chemicals and allied products	63.3	63.4	61.7	- .1	1.6
Industrial inorganic chemicals	9.4	9.4	9.4	.0	.0
Rubber and misc. plastics products	93.4	93.8	92.2	- .3	1.2
Tires and inner tubes	16.9	16.9	17.4	.0	- .5
Miscellaneous plastics products	55.9	56.2	54.6	- .3	1.3

See footnotes on page 13.

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
NONMANUFACTURING	3507.8	3476.4	3398.4	31.4	109.4
MINING	19.3	19.7	20.7	.4	- 1.4
Bituminous coal and lignite mining	8.4	8.7	9.5	.3	- 1.0
Oil and gas extraction	6.7	7.0	7.0	.4	.3
CONSTRUCTION	165.5	158.9	150.4	6.7	15.2
General building contractors	43.0	41.5	39.4	1.5	3.6
Heavy construction contractors	18.7	16.7	16.5	1.9	2.1
Highway and street construction	7.1	6.1	5.6	1.0	1.5
Special trade contractors	103.9	100.7	94.4	3.2	9.5
TRANSPORTATION AND PUBLIC UTILITIES	204.6	202.3	202.5	2.3	2.0
Railroad transportation	12.7	12.7	13.5	.0	.7
Transportation, except railroads	102.9	100.8	99.3	2.1	3.5
Trucking and warehousing	71.8	70.7	69.7	1.1	2.1
Communication, electric, gas services ..	88.9	88.8	89.7	.2	.8
Communication	47.5	47.4	48.1	.1	.6
Electric, gas, and sanitary services ..	41.4	41.4	41.7	.0	.2
WHOLESALE TRADE	251.7	250.8	244.1	.9	7.5
Wholesale trade-durable goods	158.0	157.6	153.4	.4	4.6
Motor vehicles & automotive equipment ..	22.0	21.9	21.3	.1	.7
Electrical goods	19.6	19.5	19.3	.1	.3
Machinery, equipment, and supplies ...	67.7	67.6	66.2	.1	1.5
Wholesale trade-nondurable goods	93.6	93.1	90.7	.5	2.9
Groceries and related products	29.3	29.2	28.4	.1	.9
RETAIL TRADE	843.4	838.0	818.6	5.4	24.8
General merchandise stores	116.0	116.6	114.6	.6	1.4
Department stores	100.7	101.6	100.2	.9	.5
Food stores	130.6	130.8	128.2	.2	2.4
Automotive dealers & service stations ..	94.0	93.6	90.7	.4	3.4
Apparel and accessory stores	42.2	42.0	40.2	.1	2.0
Eating and drinking places	293.8	288.9	286.4	4.9	7.4
FINANCE, INSURANCE, AND REAL ESTATE	247.1	246.4	238.5	.7	8.7
Banking	63.5	63.5	62.3	.1	1.2
Credit agencies other than banks	37.9	37.8	36.6	.1	1.3
Insurance carriers	69.2	68.9	67.6	.3	1.6
Life insurance	25.8	25.7	25.8	.0	.0
Fire, marine, and casualty insurance ..	30.7	30.5	29.6	.2	1.1
SERVICES	1066.9	1056.5	1021.8	10.4	45.2
Hotels and other lodging places	33.2	32.7	32.3	.5	1.0
Personal services	59.5	59.0	57.6	.4	1.9
Laundry, cleaning, & garment services ..	18.8	18.7	18.3	.2	.5
Business services	215.1	212.7	201.8	2.4	13.3
Services to buildings	30.4	30.1	28.6	.3	1.8
Computer and data processing services ..	20.2	20.0	18.7	.2	1.5
Amusement and recreation services	31.4	29.3	30.5	2.1	.9
Health services	366.6	365.3	354.4	1.3	12.1
Nursing and personal care facilities ..	80.8	80.3	77.9	.5	2.9
Hospitals	178.4	178.4	174.4	.1	4.1
Educational services	65.8	65.8	64.9	.0	.9
Colleges and universities	36.2	36.4	36.2	.1	.0
GOVERNMENT	709.2	703.7	701.9	5.5	7.3
Federal government	95.0	94.7	94.1	.2	.9
State government	162.1	159.6	159.3	2.5	2.9
State government education ¹	87.8	86.3	85.8	1.5	2.0
State government, except education ...	74.3	73.3	73.5	1.0	.8
Local government	452.1	449.4	448.5	2.7	3.6
Local government education	269.4	266.8	267.2	2.6	2.2
Local government, except education ...	182.7	182.6	181.3	.1	1.4

See footnotes on page 13.

Ohio

Hours & Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$510.18	\$502.86	\$498.53	42.8	42.4	42.5	\$11.92	\$11.86	\$11.73
Durable Goods ^e	531.42	525.16	519.95	43.1	42.8	42.9	12.33	12.27	12.12
Lumber and wood products	309.07	288.25	306.18	41.1	38.9	42.0	7.52	7.41	7.29
Furniture and fixtures	362.15	356.49	344.73	40.6	40.1	40.7	8.92	8.89	8.47
Stone, clay, and glass products	465.48	453.90	449.35	43.1	42.5	41.8	10.80	10.68	10.75
Glass and glassware, pressed or blown	482.31	478.40	453.86	41.4	41.1	40.2	11.65	11.64	11.29
Primary metal industries	613.70	610.54	587.80	44.6	44.5	43.8	13.76	13.72	13.42
Blast furnace and basic steel products	648.07	652.74	602.25	45.8	46.0	43.8	14.15	14.19	13.75
Iron and steel foundries	632.70	615.48	620.78	44.4	43.9	44.5	14.25	14.02	13.95
Nonferrous rolling and drawing	591.63	590.81	599.94	41.0	41.2	42.7	14.43	14.34	14.05
Fabricated metal products	511.46	508.89	506.75	42.8	42.8	42.8	11.95	11.89	11.84
Cutlery, hand tools, and hardware	475.12	477.00	473.22	41.0	40.7	39.8	11.59	11.72	11.89
Fabricated structural metal products ..	438.48	447.95	455.39	40.6	41.4	42.6	10.80	10.82	10.69
Metal forgings and stampings	642.34	631.18	636.98	44.7	44.2	44.7	14.37	14.28	14.25
Machinery, except electrical	512.35	511.81	506.32	43.2	43.3	42.8	11.86	11.82	11.83
Construction and related machinery ...	420.65	418.61	420.24	40.8	41.0	41.2	10.31	10.21	10.20
Metalworking machinery	496.76	501.16	460.51	44.0	44.0	41.6	11.29	11.39	11.07
Special industry machinery	493.12	496.07	476.72	43.6	43.9	42.3	11.31	11.30	11.27
General industrial machinery	528.96	534.76	543.75	42.9	43.3	43.5	12.33	12.35	12.50
Office and computing machines	423.30	417.31	411.52	41.5	41.4	42.6	10.20	10.08	9.66
Refrigeration and service machinery ..	560.03	565.55	578.59	41.3	41.8	42.7	13.56	13.53	13.55
Electric and electronic equipment	470.96	477.57	463.29	41.9	42.3	41.7	11.24	11.29	11.11
Electrical industrial apparatus	493.92	504.00	447.37	44.1	45.0	41.5	11.20	11.20	10.78
Household appliances	477.60	497.28	482.04	39.9	41.2	41.2	11.97	12.07	11.70
Electric lighting and wiring equipment ..	476.82	482.16	489.30	41.9	42.0	42.0	11.38	11.48	11.65
Communication equipment	489.22	482.98	471.77	41.6	41.0	40.6	11.76	11.78	11.62
Transportation equipment	671.06	640.41	640.46	44.5	43.3	44.6	15.08	14.79	14.36
Motor vehicles and equipment	695.30	652.08	662.90	44.8	42.9	44.7	15.52	15.20	14.83
Aircraft and parts	606.98	633.75	591.84	44.5	45.3	44.6	13.64	13.99	13.27
Instruments and related products	368.00	361.17	370.78	40.0	39.3	40.7	9.20	9.19	9.11
Measuring and controlling devices	362.70	355.26	373.23	39.0	38.2	39.5	9.30	9.30	9.45
Nondurable Goods ^f	460.32	454.27	448.86	42.0	41.6	41.6	10.96	10.92	10.79
Food and kindred products	443.64	438.19	436.60	41.5	41.3	41.9	10.69	10.61	10.42
Meat products	392.92	357.37	397.11	41.8	39.1	43.4	9.40	9.14	9.15
Dairy products	473.67	477.17	458.77	43.1	43.3	42.4	10.99	11.02	10.82
Preserved fruits and vegetables	439.88	452.47	404.15	39.7	40.8	39.2	11.08	11.09	10.31
Bakery products	465.31	469.17	459.01	39.5	40.1	39.4	11.78	11.70	11.65
Beverages	425.41	421.43	403.38	40.4	40.6	40.5	10.53	10.38	9.96
Apparel and other textile products	301.20	289.48	277.97	40.0	38.7	38.5	7.53	7.48	7.22
Paper and allied products	489.72	485.30	499.97	44.0	43.8	44.8	11.13	11.08	11.16
Misc. converted paper products	424.00	419.19	455.62	42.4	42.3	44.8	10.00	9.91	10.17
Paperboard containers and boxes	435.46	433.30	428.86	43.2	43.2	42.8	10.08	10.03	10.02
Printing and publishing	439.43	433.83	415.56	39.2	38.7	38.3	11.21	11.21	10.85
Newspapers	360.36	352.85	358.05	33.9	33.1	35.0	10.63	10.66	10.23
Commercial printing	450.73	442.09	408.72	41.2	40.3	39.0	10.94	10.97	10.48
Chemicals and allied products	548.69	537.58	529.61	42.6	41.9	41.8	12.88	12.83	12.67
Industrial inorganic chemicals	588.07	585.42	564.14	43.4	43.3	42.1	13.55	13.52	13.40
Rubber and misc. plastics products	444.44	441.44	438.35	42.9	42.9	42.6	10.36	10.29	10.29
Tires and inner tubes	674.59	682.91	636.92	46.3	47.0	45.3	14.57	14.53	14.06
Miscellaneous plastics products	428.28	421.18	421.46	42.7	42.5	42.4	10.03	9.91	9.94

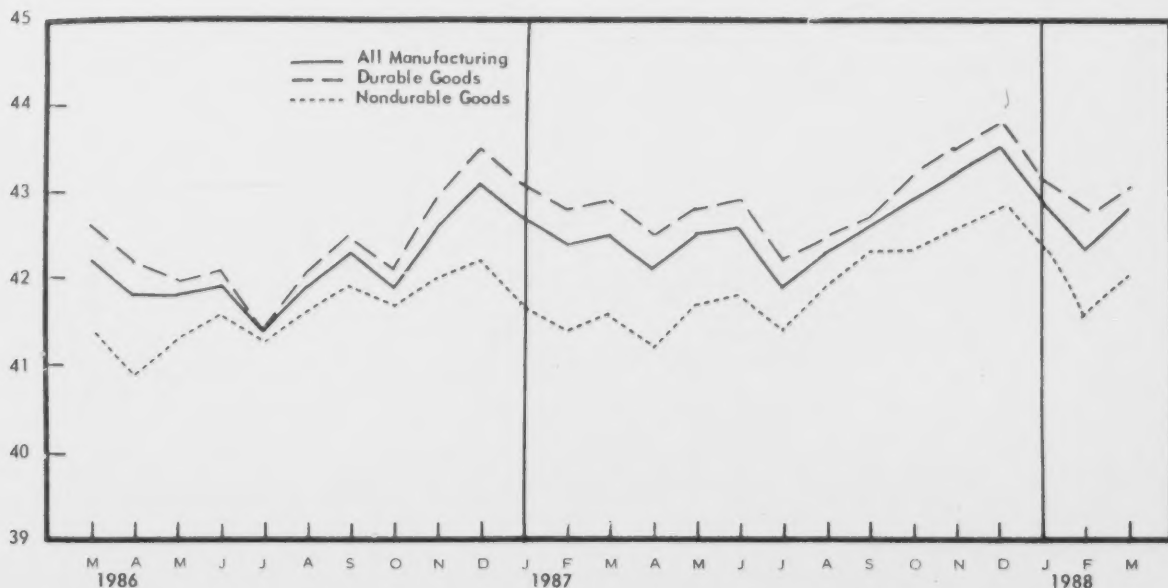
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Ohio (continued)

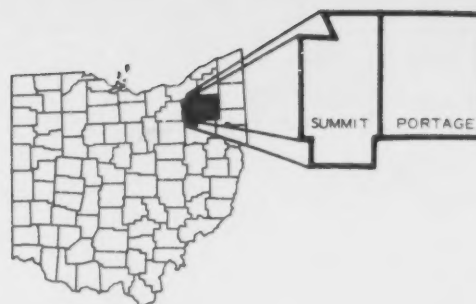
**Hours & Earnings
of Production or
Nonsupervisory
Workers^a**

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MINING	\$540.08	\$540.99	\$539.22	43.0	42.8	43.0	\$12.56	\$12.64	\$12.54
Bituminous coal and lignite mining	666.58	659.66	647.50	43.2	43.2	42.1	15.43	15.27	15.38
CONSTRUCTION	558.36	556.48	561.41	37.6	37.0	38.4	14.85	15.04	14.62
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	563.45	550.90	533.33	40.8	40.3	40.1	13.81	13.67	13.30
Communication	537.70	534.36	521.14	39.8	39.7	39.6	13.51	13.46	13.16
Electric, gas, and sanitary services ..	592.89	571.70	549.58	41.9	41.1	40.8	14.15	13.91	13.47
WHOLESALE TRADE	384.93	384.33	368.77	39.0	38.9	38.9	9.87	9.88	9.48
Wholesale trade-durable goods	378.67	379.85	365.82	39.2	39.2	39.0	9.66	9.69	9.38
Wholesale trade-nondurable goods	394.11	392.32	373.84	38.6	38.5	38.7	10.21	10.19	9.66
RETAIL TRADE ^h	163.86	160.68	158.48	28.3	27.8	28.0	5.79	5.78	5.66
General merchandise stores	174.79	167.94	176.87	27.7	27.0	28.9	6.31	6.22	6.12
Department stores	178.67	171.45	181.78	27.7	27.0	28.9	6.45	6.35	6.29
FINANCE, INSURANCE, AND REAL ESTATE .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	264.81	262.79	256.09	.....	.....	.....	.....	.....	.....
Credit agencies other than banks	259.93	262.23	248.67	.....	.....	.....	.....	.....	.....
Insurance carriers	366.92	364.27	340.87	.....	.....	.....	.....	.....	.....
SERVICES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	337.95	336.93	325.67	33.1	33.0	33.2	10.21	10.21	9.81

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^gMoney payments only; tips not included. ^hIncludes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ⁱDepressed due to labor-management disputes.

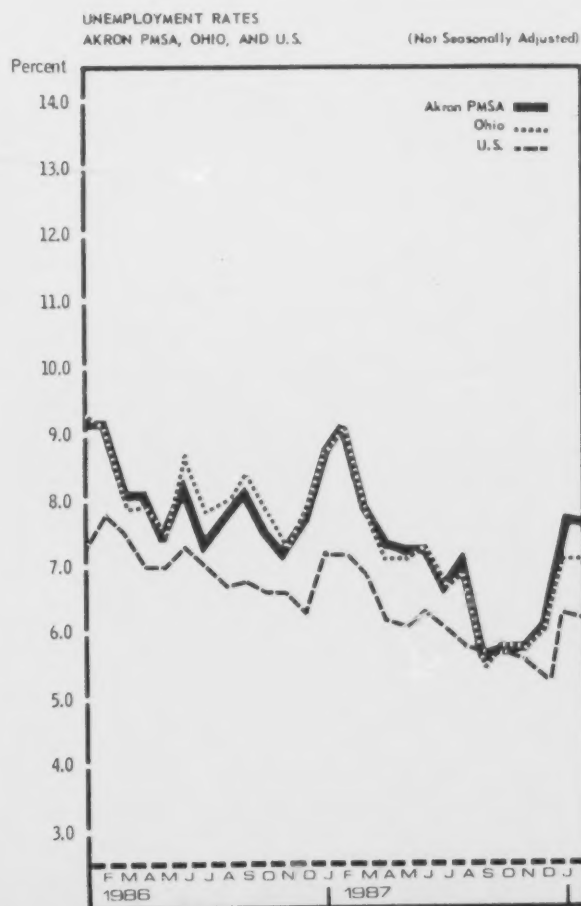
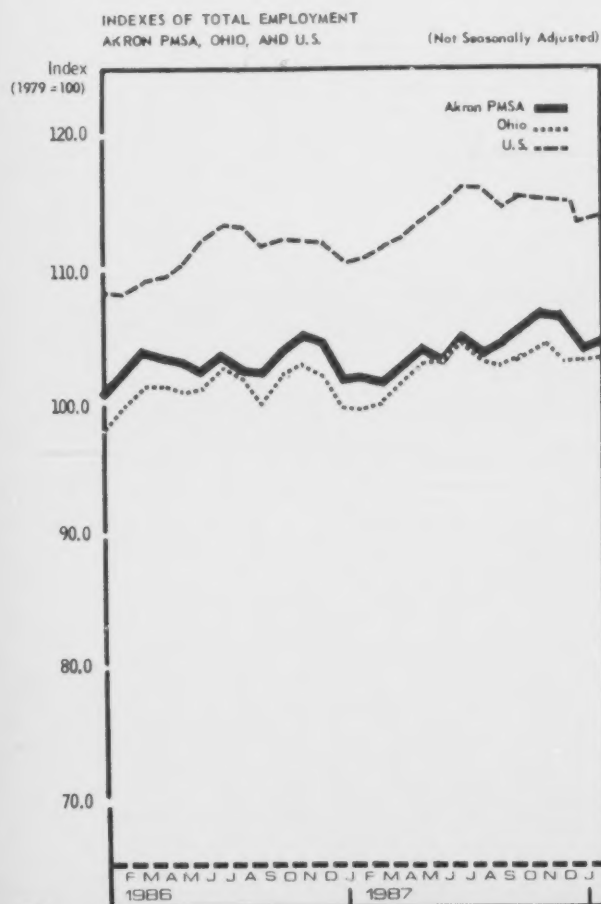
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES

AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Total nonfarm employment in the Akron metropolitan area advanced 2,000 from February, to 267,500 in March 1988. Nonmanufacturing industries provided 75 percent of the increase. Noteworthy improvements were registered in services, state and local schools and colleges, and retail trade. Manufacturing gained 500 workers over the month. Scattered losses in nondurable-goods industries were more than offset by moderate expansion in durable goods, especially in fabricated metal products and nonelectrical machinery. Factory production workers averaged \$11.49 per hour, up \$.14 from February. Their average workweek remained the same, at 43.0 hours.

Nonagricultural wage and salary employment in the Akron area increased 7,400 between March 1987 and March 1988. The major portion of the growth occurred in nonmanufacturing industries. Significant gains were posted in services, especially health and business services. Although 600 jobs were lost in tires and inner tubes, growth in other nondurable- and durable-goods industries advanced manufacturing employment 1,000 over the period.

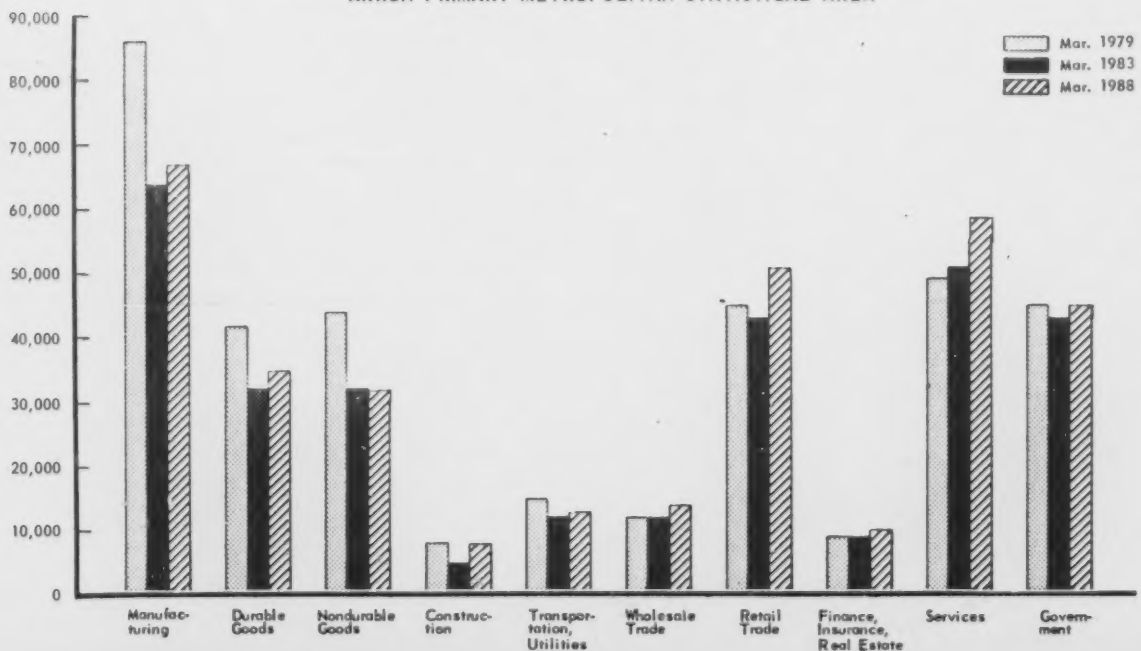


AKRON PHSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed		Unemployed			Manufacturing Employment				
		Total	Rate			Manufacturing Production Workers				
							Hours and Earnings			
							Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings	
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	\$285.53	42.3	\$ 6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
319.9	297.2	22.8	7.1	1987	264.8	66.5	36.2	487.03	43.1	11.30
1987										
320.2	290.9	29.3	9.1	February	259.6	66.3	36.0	487.05	42.5	11.46
315.3	290.2	25.1	8.0	March	260.1	66.0	35.9	483.64	42.8	11.30
318.2	294.7	23.5	7.4	April	262.6	66.1	35.7	483.75	43.0	11.25
321.7	298.3	23.5	7.3	May	265.9	66.1	35.7	487.19	43.0	11.33
318.1	294.9	23.1	7.3	June	262.1	66.3	35.8	488.32	43.1	11.33
321.9	300.3	21.6	6.7	July	262.1	66.0	35.7	469.42	42.1	11.15
319.7	296.6	23.2	7.2	August	262.3	66.1	35.8	482.36	43.3	11.14
317.3	299.1	18.2	5.7	September	269.3	67.1	36.8	488.42	43.3	11.28
321.3	302.5	18.8	5.8	October	271.0	66.7	36.7	487.73	43.2	11.29
323.5	304.9	18.6	5.8	November	271.6	67.1	37.1	484.44	43.1	11.24
322.6	302.5	20.0	6.2	December	271.9	67.0	36.9	503.88	44.2	11.40
1988										
320.4	295.7	24.7	7.7	January	262.8	66.6	36.5	489.89	43.2	11.34
323.7	299.0	24.6	7.6	February	265.5	66.6	36.5	488.05	43.0	11.35
INA	INA	INA	INA	March	267.5	67.0	37.0	494.07	43.0	11.49

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	267.5	265.5	260.1	2.0	7.4
MANUFACTURING	67.0	66.6	66.0	.5	1.0
Durable Goods ^e	34.8	34.1	34.0	.7	.8
Fabricated metal products	11.8	11.4	11.5	.3	.2
Machinery, except electrical	9.7	9.4	9.2	.2	.4
Metalworking machinery	3.5	3.4	3.1	.1	.3
Nondurable Goods ^f	32.2	32.4	32.0	-.2	.2
Food and kindred products	3.0	3.1	2.9	-.1	.1
Chemicals and allied products	3.0	3.0	2.9	.0	.1
Rubber and misc. plastics products	20.8	20.8	20.8	-.1	-.1
Tires and inner tubes	12.7	12.7	13.2	.0	-.6
NONMANUFACTURING^g	200.4	198.9	194.0	1.5	6.4
CONSTRUCTION	7.8	7.7	7.5	.2	.4
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.7	12.8	.1	.0
Communication, electric, gas services ..	5.3	5.3	5.3	.0	.0
WHOLESALE TRADE	14.0	14.0	13.6	-.1	.4
RETAIL TRADE	51.0	50.7	50.4	.3	.6
General merchandise stores	5.9	6.0	6.1	-.1	-.2
FINANCE, INSURANCE, AND REAL ESTATE	10.6	10.5	10.4	.0	.1
Banking	3.1	3.1	3.1	.0	.0
SERVICES	58.6	57.9	54.9	.7	3.7
Business services	11.4	11.3	10.4	.1	1.0
Amusement and recreation services	2.9	2.8	2.5	.1	.4
Health services	20.1	20.0	18.8	.1	1.2
GOVERNMENT	45.2	44.8	43.9	.4	1.3
State government	16.8	16.6	15.7	.2	1.2
State government education ^h	13.9	13.7	12.8	.2	1.1
State government, except education ...	3.0	3.0	2.9	.0	.1
Local government	26.0	25.8	25.8	.2	.2
Local government education	15.1	14.9	14.5	.1	.5
Local government, except education ...	10.9	10.9	11.3	.1	-.4

Hours & Earnings of Production or Nonsupervisory Workers^a

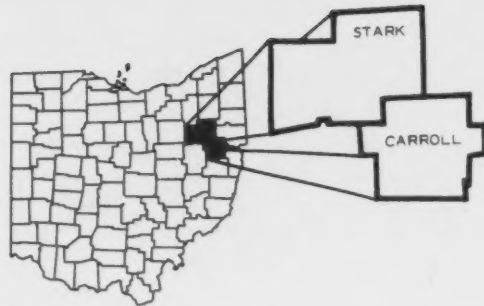
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$494.07	\$488.05	\$483.64	43.0	43.0	42.8	\$11.49	\$11.35	\$11.30
Durable Goods ^e	510.62	499.66	504.31	43.2	43.0	43.4	11.82	11.62	11.62
Fabricated metal products	650.34	604.22	606.06	45.1	43.5	44.4	14.42	13.89	13.65
Machinery, except electrical	433.01	454.35	463.99	43.0	44.5	44.7	10.07	10.21	10.38
Metalworking machinery	458.35	469.35	461.25	44.5	45.0	45.0	10.30	10.43	10.25
Nondurable Goods ^f	470.80	470.18	454.44	42.8	42.9	42.0	11.00	10.96	10.82
Food and kindred products	468.29	473.72	434.03	43.4	43.5	40.3	10.79	10.89	10.77
Chemicals and allied products	526.44	510.42	454.66	44.5	43.7	40.2	11.83	11.68	11.31
Rubber and misc. plastics products	493.88	494.60	484.63	43.9	44.2	43.7	11.25	11.19	11.09
Tires and inner tubes	786.25	784.18	699.10	49.7	49.6	46.7	15.82	15.81	14.97
TRANSPORTATION AND PUBLIC UTILITIES	558.56	559.14	537.88	40.3	40.4	40.2	13.86	13.84	13.38
Communication, electric, gas services ..	558.56	559.14	537.88	40.3	40.4	40.2	13.86	13.84	13.38
WHOLESALE TRADE	338.47	335.10	315.00	37.4	37.4	37.5	9.05	8.96	8.40
RETAIL TRADE ^h	193.75	190.63	196.88	31.2	30.5	31.5	6.21	6.25	6.25

^aSee Technical for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	2,305	2,395	2,726
Active File of Job Seekers	18,206	17,782	21,145
Referrals to Jobs	1,093	819	1,281
Placements	147	192	173
Job Openings Received	660	346	1,237
Job Openings Unfilled	803	538	1,400
Unemployment Insurance Program			
Initial Claims	2,443	3,410	3,217
Continued Claims	37,517	39,429	39,601
First Payments	1,602	2,347	1,664
Last Payments	501	359	416
Weeks Compensated	33,765	31,549	31,820
Benefits Paid	\$5,277,154	\$4,939,086	\$4,756,988
Average Weekly Payment	\$159.10	\$159.40	\$152.45

CANTON METROPOLITAN STATISTICAL AREA

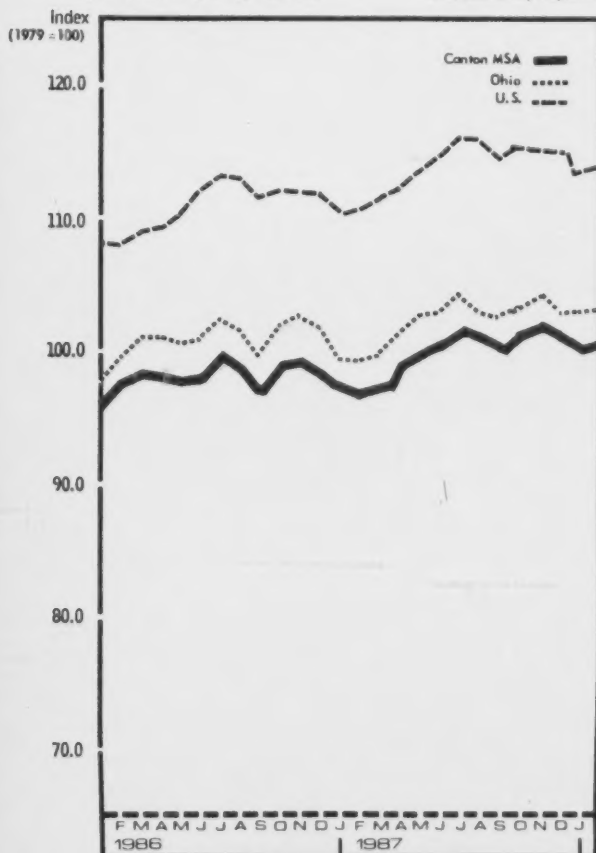


In the Canton metropolitan area, nonagricultural wage and salary employment increased 500 from the February level, to 156,000 in March 1988. The gain occurred in the nonmanufacturing sector, especially in construction and services. Manufacturing employment declined 400, to 43,200 due to scattered losses in durable-goods industries. Factory production workers earned an average of \$11.39 per hour, down \$.05 from last month. Their average workweek, 42.8 hours, was .3 hours shorter.

Since March 1987, total nonfarm employment has gained 3,200 workers. The improvement was concentrated in nonmanufacturing industries, primarily in construction and services. Manufacturing employment was lowered 100 over the period. Noteworthy losses were recorded in food and kindred products and fabricated metal products, especially metal forgings and stampings.

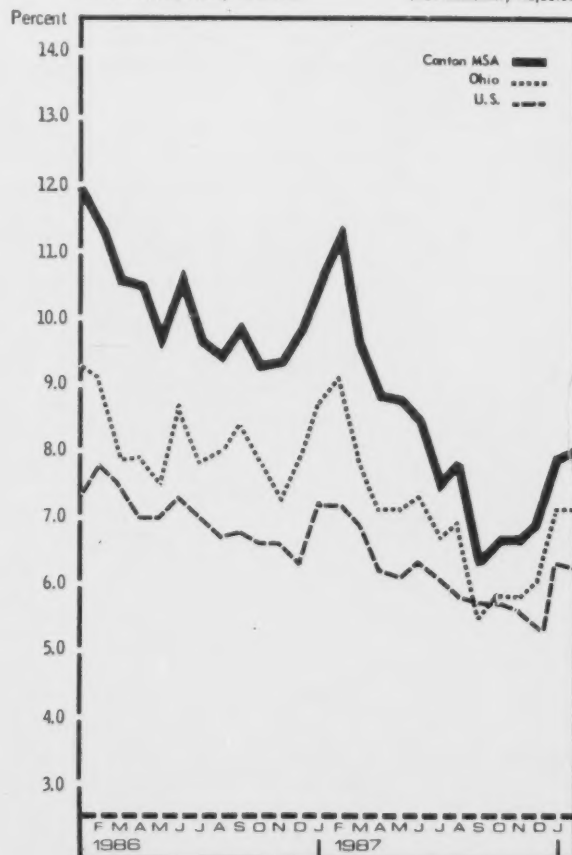
INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S.

(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S.

(Not Seasonally Adjusted)

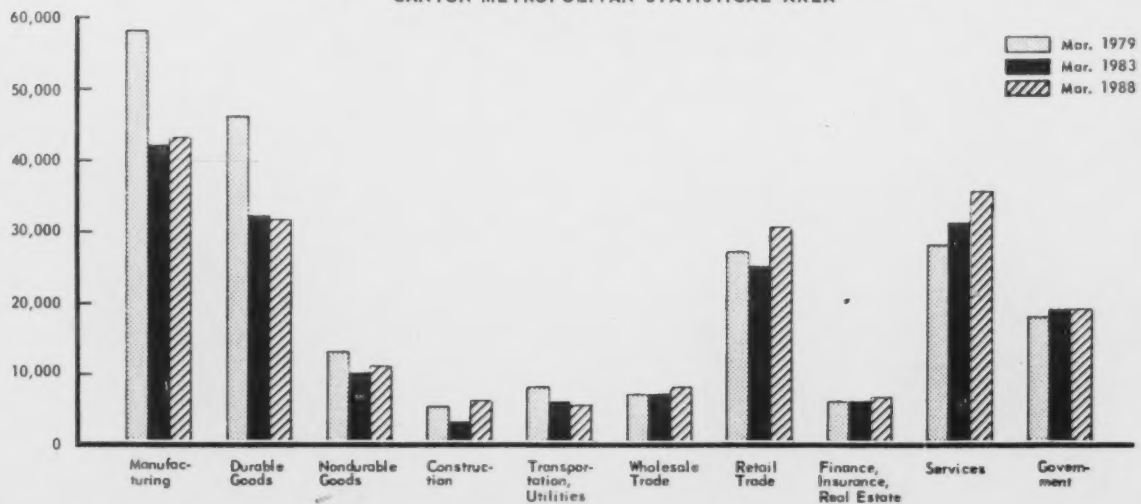


CANTON MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed		Unemployed			Manufacturing Employment		Manufacturing Production Workers		
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	\$273.14	39.7	\$ 6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
189.6	174.0	15.7	8.3	1987	155.9	43.5	30.8	475.15	41.9	11.34
				1987						
190.8	169.1	21.7	11.4	February	151.8	43.3	30.5	476.70	42.0	11.35
187.7	169.6	18.1	9.7	March	152.8	43.3	30.5	477.12	42.0	11.36
189.1	172.4	16.8	8.9	April	154.3	43.3	30.5	471.03	41.5	11.35
191.2	174.4	16.7	8.7	May	156.3	43.5	30.6	486.35	42.7	11.39
191.8	175.5	16.3	8.5	June	157.3	43.8	30.9	479.39	42.2	11.36
191.1	176.9	14.2	7.4	July	155.7	42.9	30.2	470.50	41.6	11.31
190.9	176.0	14.9	7.8	August	157.1	43.5	30.9	460.73	41.1	11.21
185.9	174.2	11.7	6.3	September	157.7	43.7	31.2	468.95	41.5	11.30
188.7	176.2	12.5	6.6	October	158.6	43.7	31.2	476.52	41.8	11.40
189.9	177.4	12.5	6.6	November	158.7	43.8	31.2	475.73	42.1	11.30
188.8	175.9	12.9	6.8	December	158.9	43.9	31.3	476.44	42.2	11.29
				1988						
188.9	173.9	15.0	7.9	January	155.4	43.6	30.9	493.78	43.2	11.43
189.4	174.3	15.1	8.0	February	155.4	43.7	31.1	493.06	43.1	11.44
INA	INA	INA	INA	March	156.0	43.2	31.0	487.49	42.8	11.39

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	156.0	155.4	152.8	.5	3.2
MANUFACTURING	43.2	43.7	43.3	.4	.1
Durable Goods ^e	31.9	32.4	31.9	.5	.0
Primary metal industries	10.5	10.5	10.5	.0	.0
Fabricated metal products	6.4	6.4	6.5	.0	.2
Metal forgings and stampings	2.0	2.0	2.3	.0	.3
Nondurable Goods ^f	11.3	11.3	11.4	.0	.1
Food and kindred products	3.2	3.3	3.6	.0	.4
Rubber and misc. plastics products	2.9	2.9	2.8	.0	.1
NONMANUFACTURING^g	112.7	111.8	109.5	1.0	3.3
CONSTRUCTION	6.0	5.5	4.9	.4	1.1
TRANSPORTATION AND PUBLIC UTILITIES	5.7	5.7	5.6	.0	.1
Communication, electric, gas services ..	2.6	2.6	2.6	.0	.0
WHOLESALE TRADE	8.1	8.1	8.0	.1	.2
Wholesale trade-durable goods	4.5	4.5	4.4	.0	.1
RETAIL TRADE	30.8	30.7	30.3	.1	.4
General merchandise stores	3.8	3.8	3.7	.0	.1
Food stores	5.1	5.1	5.0	.0	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.3	6.4	.0	.0
Banking	1.9	1.9	1.8	.0	.0
SERVICES	35.7	35.4	34.6	.3	1.1
Health services	15.2	15.2	14.6	.0	.6
GOVERNMENT	19.1	19.0	18.8	.1	.2
State government (includes education) ..	1.8	1.7	1.7	.0	.0
Local government	15.9	15.8	15.7	.0	.2
Local government education	9.3	9.3	9.6	.0	.3
Local government, except education ...	6.6	6.5	6.1	.0	.5

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers^a

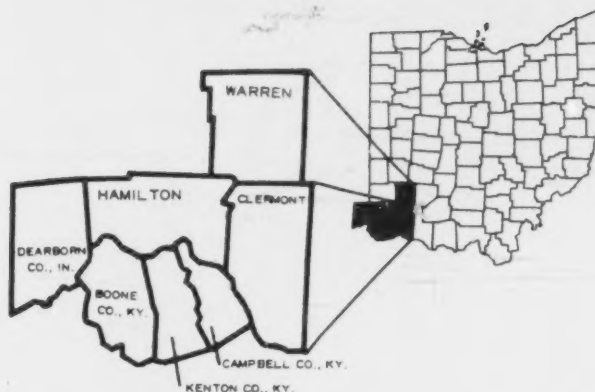
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$487.49	\$493.06	\$477.12	42.8	43.1	42.0	\$11.39	\$11.44	\$11.36
Durable Goods ^e	508.34	516.84	501.08	43.3	43.8	42.5	11.74	11.80	11.79
Primary metal industries	604.87	598.56	572.76	46.6	46.4	44.4	12.98	12.90	12.90
Fabricated metal products	437.18	432.37	480.06	41.4	41.1	41.6	10.56	10.52	11.54
Metal forgings and stampings	604.58	600.09	627.06	41.1	41.5	42.0	14.71	14.46	14.93
Nondurable Goods ^f	417.59	413.51	404.60	40.9	40.7	40.5	10.21	10.16	9.99
Food and kindred products	432.38	408.10	433.06	39.2	38.5	41.6	11.03	10.60	10.41
Rubber and misc. plastics products	433.26	436.60	425.11	41.7	41.7	41.8	10.39	10.47	10.17
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	538.25	540.55	526.82	39.9	40.1	40.4	13.49	13.48	13.04
WHOLESALE TRADE	376.27	375.35	366.55	38.2	37.8	37.1	9.85	9.93	9.88
RETAIL TRADE ^h	157.05	154.84	151.72	28.4	28.0	28.2	5.53	5.53	5.38

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱDepressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	1,645	1,407	1,609
Active File of Job Seekers	12,717	12,090	15,933
Referrals to Jobs	702	848	1,116
Placements	131	161	115
Job Openings Received	506	346	355
Job Openings Unfilled	612	348	388
Unemployment Insurance Program			
Initial Claims	2,225	2,235	2,316
Continued Claims	24,224	23,226	29,184
First Payments	1,208	1,417	1,014
Last Payments	227	213	372
Weeks Compensated	18,868	17,307	22,495
Benefits Paid	\$2,758,982	\$2,514,358	\$3,307,791
Average Weekly Payment	\$149.74	\$148.67	\$151.18

CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA

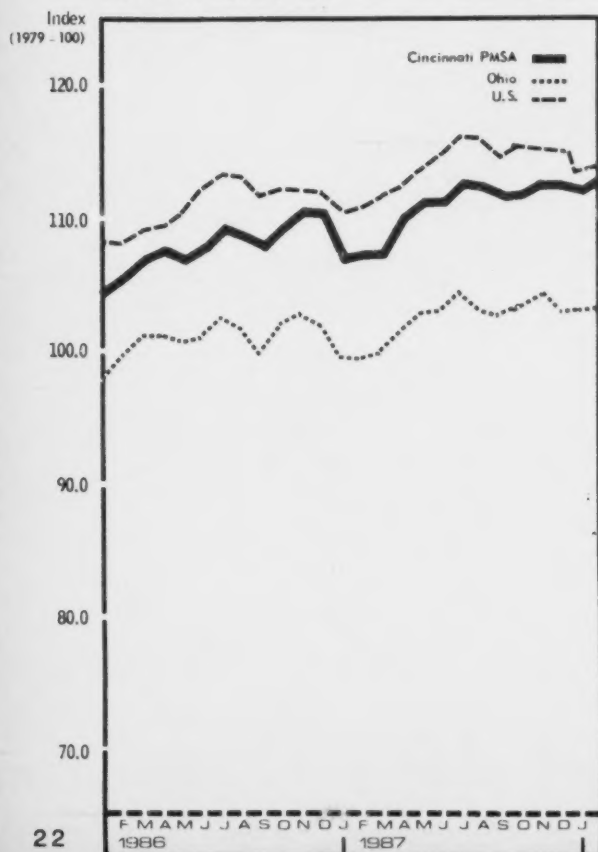


Nonagricultural wage and salary employment in the Cincinnati metropolitan area in March 1988 totaled 678,900, down 500 from the February level. Nonmanufacturing employment gained 6,100 additional jobs over the month. Although most sectors showed improvements, seasonal increases in services and construction contributed most to the gain. Manufacturing employment declined 6,600 during the month due to a labor-management dispute in transportation equipment (-6,400). Production workers average hourly earnings decreased \$.29 from last month, to \$10.79 per hour in March. They averaged a slightly shorter workweek of 42.0 hours.

From March 1987 to March 1988, total nonfarm employment advanced 22,300. Growth in services, retail trade, and construction contributed 87.9 percent of the overall gain. Major improvement was also noted in transportation and public utilities and finance, insurance, and real estate. Manufacturing employment dropped 4,300 over the period. A loss of 7,500 in transportation equipment negated scattered growth in most other manufacturing industries.

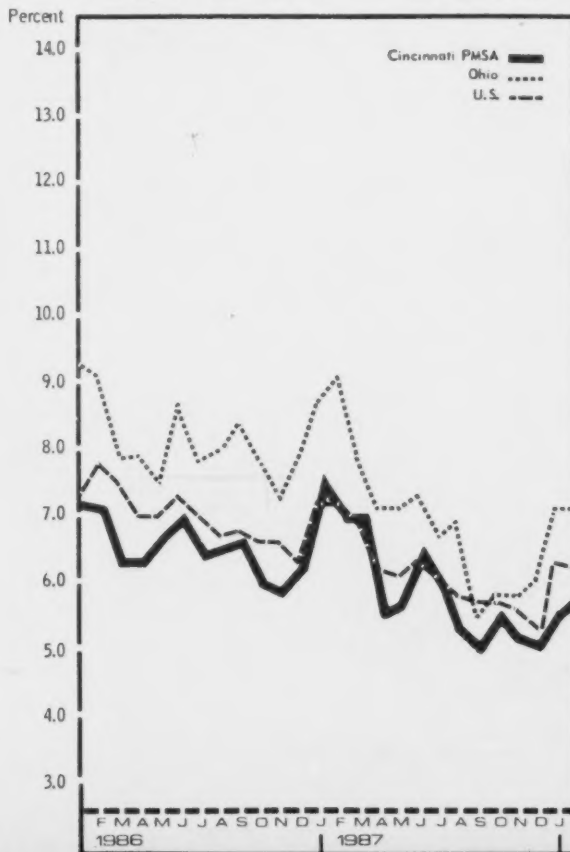
INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S.

(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S.

(Not Seasonally Adjusted)

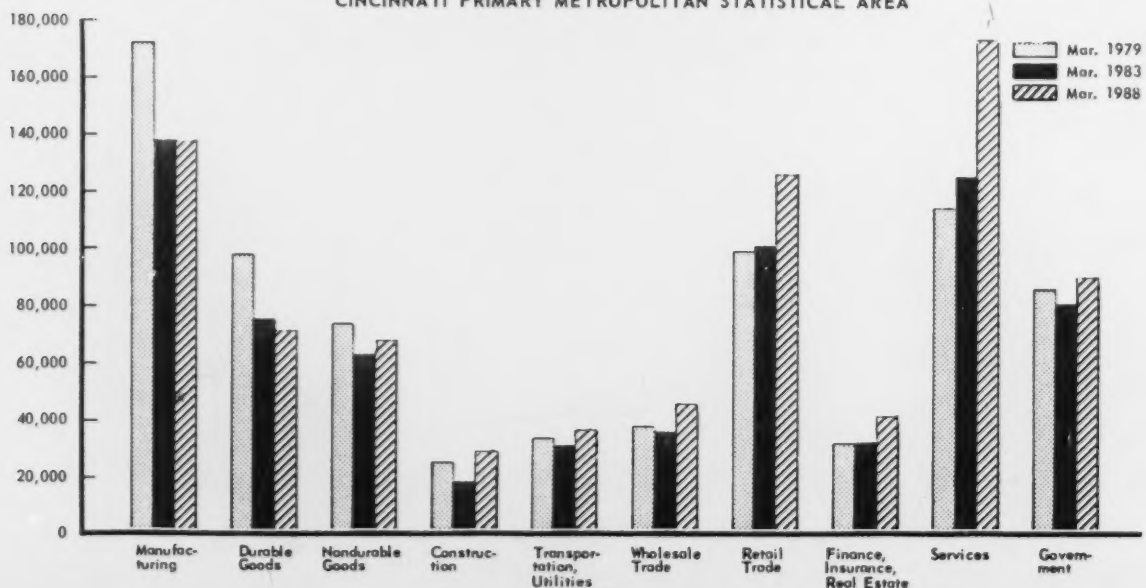


CINCINNATI PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force				Nonagricultural Wage & Salary Employment						
	Total Employed		Unemployed		Manufacturing Employment					
			Total	Rate				Manufacturing Production Workers		
								Hours	and Earnings	
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	\$260.83	41.6	\$ 6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.7	700.7	44.0	5.9	1987	677.1	145.4	93.0	467.57	42.7	10.95
1987										
729.9	678.8	51.1	7.0	February	654.0	145.7	93.6	467.25	42.4	11.02
730.3	679.0	51.2	7.0	March	656.6	142.2	90.4	462.40	42.5	10.88
737.7	697.3	40.4	5.5	April	673.1	146.9	94.8	459.38	41.8	10.99
744.4	703.0	41.4	5.6	May	679.6	147.6	95.3	466.15	42.3	11.02
750.4	701.8	48.6	6.5	June	680.2	144.7	92.0	466.52	42.8	10.90
756.6	712.1	44.6	5.9	July	679.4	144.9	91.9	451.73	42.1	10.73
749.6	710.1	39.5	5.3	August	686.1	148.7	95.8	472.69	42.7	11.07
744.1	706.7	37.5	5.0	September	689.7	146.3	93.6	471.71	43.0	10.97
751.5	709.9	41.6	5.5	October	688.8	144.1	91.4	467.41	43.0	10.87
756.5	717.4	39.1	5.2	November	693.1	145.4	93.2	477.17	43.3	11.02
754.6	716.6	38.0	5.0	December	694.9	145.6	93.4	488.17	43.9	11.12
1988										
747.1	706.0	41.1	5.5	January	679.6	145.1	92.9	481.00	43.1	11.16
751.8	708.6	43.2	5.7	February	679.4	144.5	92.4	466.47	42.1	11.08
INA	INA	INA	INA	March	678.9	137.9	86.1	453.18	42.0	10.79

INA - information not available.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment^a

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	678.9	679.4	656.6	.5	22.3
MANUFACTURING	137.9	144.5	142.2	- 6.6	- 4.3
Durable Goods ^e	70.5	76.9	77.2	- 6.4	- 6.7
Fabricated metal products	10.2	10.2	10.3	.0	.1
Fabricated structural metal products ..	3.9	4.0	4.0	.1	.1
Machinery, except electrical	20.4	20.5	20.4	.1	.0
Metalworking machinery	7.8	8.0	8.3	.1	.5
General industrial machinery	3.0	3.0	2.9	.0	.1
Electric and electronic equipment	7.5	7.7	7.1	.1	.4
Transportation equipment	18.2	24.7	25.8	- 6.4	- 7.5
Motor vehicles and equipment	4.9	4.9	5.2	.0	.3
Nondurable Goods ^f	67.5	67.6	65.1	.2	2.4
Food and kindred products	13.3	13.2	12.8	.2	.5
Beverages	3.4	3.3	3.6	.0	.2
Apparel and other textile products	4.0	4.1	3.5	.1	.5
Paper and allied products	5.9	6.0	6.0	.1	.1
Printing and publishing	13.4	13.4	13.1	.0	.3
Commercial printing	5.9	5.9	5.8	.0	.0
Chemicals and allied products	22.6	22.7	21.8	.0	.8
Rubber and misc. plastics products	5.9	5.9	5.5	.0	.4
NONMANUFACTURING^g	540.9	534.9	514.4	6.1	26.5
CONSTRUCTION	29.1	28.0	26.1	1.2	3.0
TRANSPORTATION AND PUBLIC UTILITIES	36.0	35.1	34.0	.9	2.0
Trucking and warehousing	10.0	9.9	9.6	.1	.5
Communication, electric, gas services ..	15.1	15.1	14.9	.0	.2
WHOLESALE TRADE	45.0	45.0	43.7	.0	1.3
Wholesale trade-durable goods	26.6	26.6	25.6	.0	.9
RETAIL TRADE	125.6	124.8	121.5	.7	4.1
General merchandise stores	16.9	17.1	17.4	.2	.5
FINANCE, INSURANCE, AND REAL ESTATE	41.3	41.2	39.3	.1	2.0
Banking	9.0	9.0	8.5	.0	.5
Insurance carriers	14.2	14.1	13.7	.0	.5
SERVICES	173.4	171.2	160.9	2.2	12.5
Hotels and other lodging places	6.4	6.3	6.0	.1	.4
Personal services	8.9	8.8	8.4	.1	.5
Business services	41.8	41.2	37.9	.6	3.9
Amusement and recreation services	6.6	6.1	5.8	.5	.8
Health services	54.1	54.1	51.0	.0	3.1
Hospitals	25.6	25.7	24.6	.1	1.0
GOVERNMENT	90.0	89.2	88.6	.8	1.3
Federal government	15.9	15.7	15.3	.2	.5
State government	20.3	20.1	20.3	.3	.0
State government education ^h	12.6	12.4	12.5	.2	.1
State government, except education ...	7.8	7.7	7.8	.1	.1
Local government	53.8	53.4	52.9	.4	.9
Local government education	31.4	31.2	31.2	.2	.2
Local government, except education ...	22.4	22.2	21.7	.2	.7

Hours & Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$453.18	\$466.47	\$462.40	42.0	42.1	42.5	\$10.79	\$11.08	\$10.88
Durable Goods ^e	432.43	473.12	460.75	41.7	42.7	42.9	10.37	11.08	10.74
Fabricated metal products	399.67	413.40	410.98	40.7	41.8	42.9	9.82	9.89	9.58
Fabricated structural metal products ..	383.76	415.33	415.25	39.4	41.7	42.2	9.74	9.96	9.84
Machinery, except electrical	425.96	424.53	415.25	42.3	42.2	42.2	10.07	10.06	9.84
Metalworking machinery	495.30	484.22	448.59	43.6	42.7	42.2	11.36	11.34	10.63
General industrial machinery	388.58	406.56	421.47	42.1	44.0	44.6	9.23	9.24	9.45
Electric and electronic equipment	335.41	332.09	361.78	39.6	39.3	40.4	8.47	8.45	8.46
Transportation equipment	758.18	730.91	681.25	47.4	47.4	47.0	16.27	15.42	14.49
Motor vehicles and equipment	805.43	799.93	791.01	47.8	47.9	49.5	16.85	16.70	15.98
Nondurable Goods ^f	469.69	459.41	463.52	41.2	41.5	42.1	11.13	11.07	11.01
Food and kindred products	494.91	491.10	493.00	42.3	42.3	43.9	11.70	11.61	11.23
Beverages	521.25	529.55	515.42	41.7	42.5	41.6	12.50	12.46	12.39
Apparel and other textile products	228.73	209.56	219.65	39.3	36.7	38.4	5.82	5.71	5.72
Paper and allied products	420.89	411.84	427.65	42.3	41.6	42.3	9.95	9.90	10.11
Printing and publishing	470.68	474.21	446.06	41.0	41.2	39.3	11.48	11.51	11.35
Commercial printing	509.39	524.66	486.26	43.8	44.5	42.1	11.63	11.79	11.55
Chemicals and allied products	551.67	530.71	548.68	42.6	41.3	43.0	12.95	12.85	12.76
Rubber and misc. plastics products	405.04	391.78	406.75	43.6	42.4	44.6	9.29	9.24	9.12
TRANSPORTATION AND PUBLIC UTILITIES	546.00	539.92	517.72	40.0	39.7	39.4	13.65	13.60	13.14
Communication, electric, gas services ..	546.00	539.92	517.72	40.0	39.7	39.4	13.65	13.60	13.14
WHOLESALE TRADE	399.56	397.18	384.75	40.4	40.2	40.5	9.89	9.88	9.50
RETAIL TRADE ^h	162.98	162.45	162.44	29.0	28.5	28.7	5.62	5.70	5.66
FINANCE, INSURANCE, AND REAL ESTATE	258.81	259.51	255.37	.....	.....	.....	.....	.....	.....
Banking	258.81	259.51	255.37	.....	.....	.....	.....	.....	.....

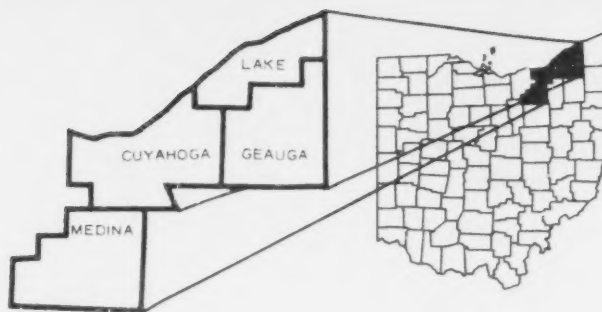
^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

Selected Administrative Program Activities^a

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	2,506	2,775	3,313
Active File of Job Seekers	23,231	23,194	24,055
Referrals to Jobs	1,601	1,830	2,016
Placements	214	519	366
Job Openings Received	1,349	1,111	1,215
Job Openings Unfilled	2,174	1,495	1,873
Unemployment Insurance Program			
Initial Claims	4,123	4,684	8,768
Continued Claims	57,308	56,563	61,373
First Payments	3,221	3,982	2,495
Last Payments	1,960	886	646
Weeks Compensated	52,563	48,882	49,471
Benefits Paid	\$8,328,146	\$7,880,702	\$7,558,136
Average Weekly Payment	\$160.70	\$163.42	\$155.31

^aOhio data only

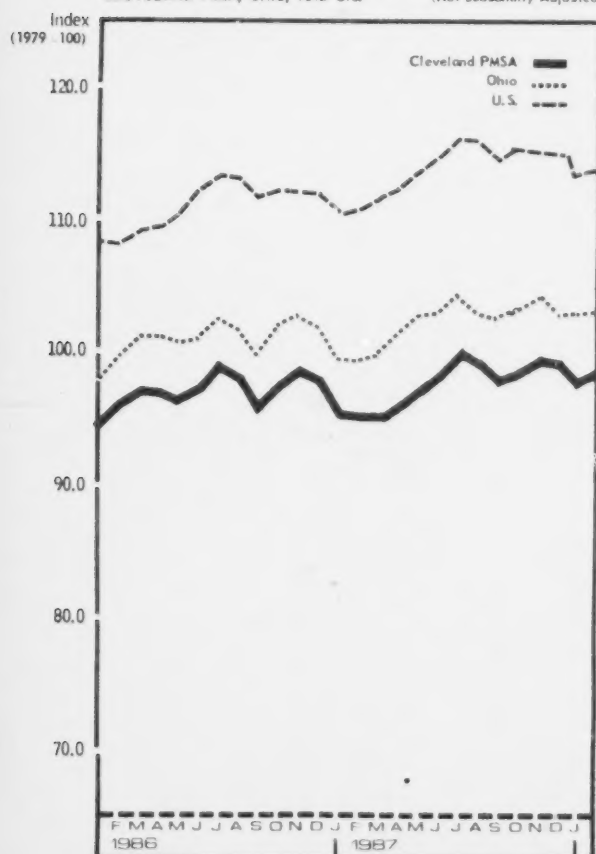
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



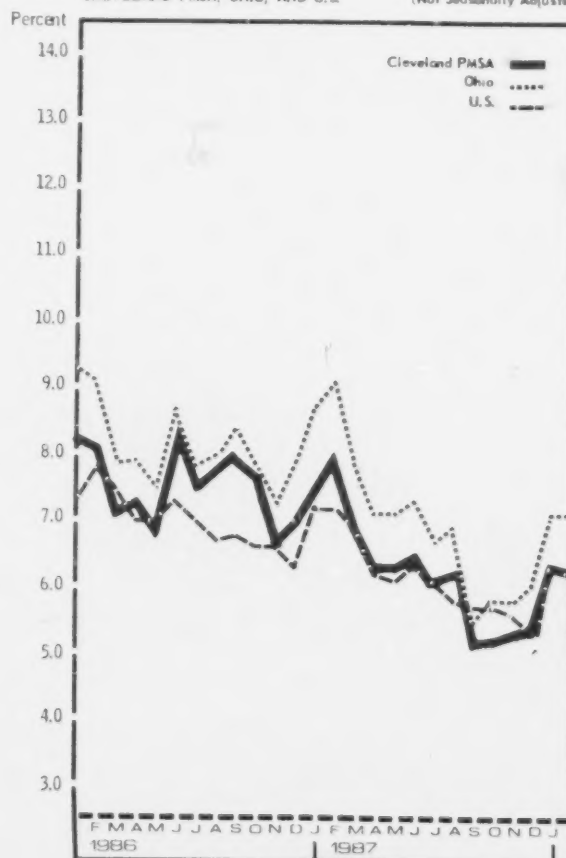
Total nonfarm employment in the Cleveland metropolitan area rose 4,000 since February, to 893,500 in March 1988. Services, retail trade, and construction were the primary growth sectors. Manufacturing employment was unchanged at 201,800. Modest gains were reported in fabricated metal products. Factory workers averaged \$11.75 per hour, up \$.09 from February. Their average workweek, 43.4 hours, was .5 hours longer.

Since March 1987, nonagricultural wage and salary employment has advanced 22,200. The major portion of the increase occurred in services (+9,400) and in retail trade (+6,200). Marked improvements were also recorded in finance, insurance, and real estate and in construction. The manufacturing workforce gained 2,500 jobs over the year. Growth in fabricated metal products and chemicals and allied products more than offset a decline in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

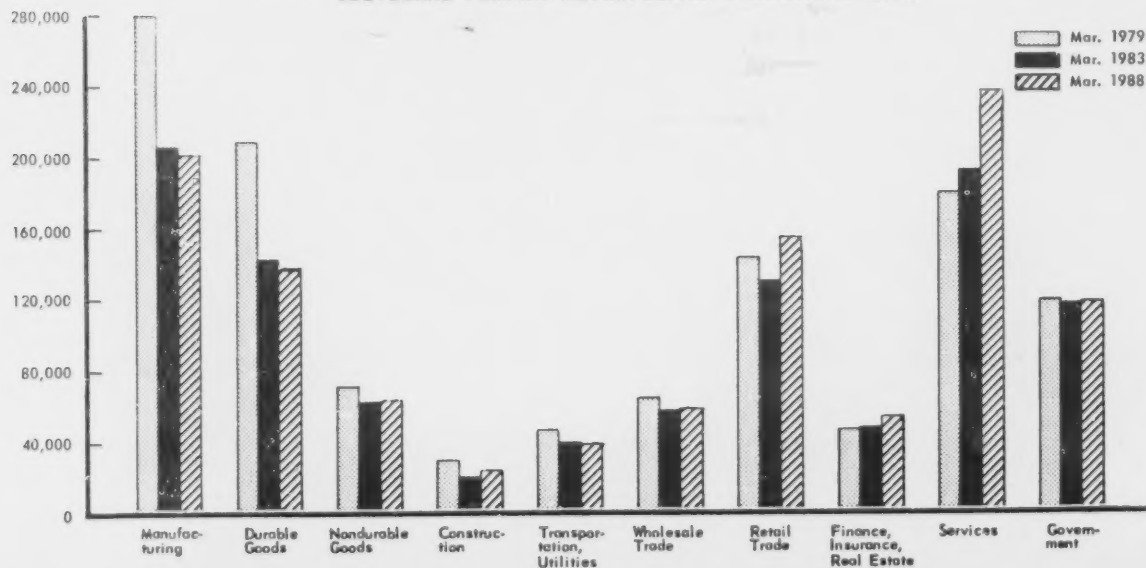


CLEVELAND PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed		Unemployed			Manufacturing Employment		Manufacturing Production Workers		
	Total	Rate	Total	Rate				Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	\$292.75	42.8	\$ 6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
926.6	868.8	57.8	6.2	1987	891.6	200.8	128.5	496.35	42.9	11.57
					1987					
919.3	845.9	73.4	8.0	February	868.5	199.6	127.5	493.64	42.3	11.67
909.1	845.7	63.4	7.0	March	871.3	199.3	127.6	498.07	42.9	11.61
916.9	858.8	58.1	6.3	April	880.1	199.4	127.9	494.89	42.7	11.59
925.3	867.2	58.0	6.3	May	889.5	199.9	127.6	493.19	42.7	11.55
935.9	875.5	60.4	6.5	June	899.0	201.1	128.3	494.21	42.9	11.52
949.3	892.7	56.7	6.0	July	900.7	199.7	126.9	476.52	41.8	11.40
938.8	879.3	59.5	6.3	August	899.1	200.3	127.7	486.75	42.4	11.48
915.0	868.0	47.0	5.1	September	900.3	201.4	129.0	487.05	42.5	11.46
925.6	877.5	48.2	5.2	October	904.5	202.4	129.9	501.85	43.3	11.59
936.9	887.0	49.9	5.3	November	908.5	203.3	130.8	510.71	43.8	11.66
931.0	880.7	50.3	5.4	December	910.2	203.3	131.1	513.04	44.0	11.66
					1988					
928.2	869.7	58.5	6.3	January	889.8	202.0	130.1	503.53	43.0	11.71
930.0	872.5	57.5	6.2	February	889.6	201.8	130.0	500.21	42.9	11.66
INA	INA	INA	INA	March	893.5	201.8	129.6	509.95	43.4	11.75

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	893.5	889.6	871.3	4.0	22.2
MANUFACTURING	201.8	201.8	199.3	.0	2.5
Durable Goods ^e	136.9	136.8	136.2	.1	.8
Primary metal industries	20.9	20.9	20.9	.0	.0
Iron and steel foundries	5.2	5.2	5.2	.0	.0
Fabricated metal products	33.4	33.1	31.6	.3	1.7
Fabricated structural metal products ..	4.3	4.2	3.6	.2	.7
Screw machine products, bolts, etc. ..	4.8	4.8	4.6	.1	.2
Metal forgings and stampings	11.8	11.7	11.3	.1	.5
Machinery, except electrical	28.9	28.9	28.9	.0	.0
Construction and related machinery ...	2.6	2.6	2.6	.0	.1
Metalworking machinery	9.6	9.6	9.7	.0	.1
Special industry machinery	2.5	2.5	2.8	.0	.3
General industrial machinery	3.0	3.0	3.0	.0	.0
Electric and electronic equipment	17.9	18.0	18.0	.1	.0
Electrical industrial apparatus	6.1	6.1	6.1	.0	.0
Transportation equipment	18.7	19.0	19.5	.2	.8
Motor vehicles and equipment	11.8	11.9	12.4	.1	.6
Instruments and related products	6.6	6.6	6.9	.0	.3
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods ^f	64.8	65.0	63.1	.1	1.7
Food and kindred products	7.0	6.9	6.8	.0	.2
Apparel and other textile products	4.0	3.9	4.1	.0	.1
Paper and allied products	5.7	5.7	5.5	.0	.2
Printing and publishing	16.2	16.3	15.9	.1	.3
Chemicals and allied products	15.0	14.9	14.3	.1	.7
Rubber and misc. plastics products	12.2	12.3	11.8	.1	.4
NONMANUFACTURING^g	691.8	687.8	672.1	4.0	19.7
CONSTRUCTION	25.8	25.1	24.0	.7	1.8
TRANSPORTATION AND PUBLIC UTILITIES	39.9	39.5	40.6	.4	.7
Trucking and warehousing	11.9	11.7	11.3	.2	.6
Communication, electric, gas services ..	17.4	17.3	18.5	.0	1.2
WHOLESALE TRADE	60.0	60.0	60.1	.1	.1
Wholesale trade-durable goods	41.2	41.2	41.7	.0	.5
RETAIL TRADE	154.8	154.0	148.6	.8	6.2
General merchandise stores	20.6	20.7	20.5	.1	.1
FINANCE, INSURANCE, AND REAL ESTATE	55.4	55.2	53.5	.2	1.9
Banking	13.3	13.3	13.2	.0	.0
Credit agencies other than banks	8.7	8.6	8.5	.0	.1
Insurance carriers	14.0	13.9	13.4	.1	.6
SERVICES	236.9	235.2	227.5	1.7	9.4
Business services	53.9	53.3	51.4	.6	2.5
Amusement and recreation services	6.3	6.0	6.2	.3	.2
Health services	76.0	75.9	74.0	.1	2.0
Hospitals	42.9	43.0	41.7	.0	1.2
GOVERNMENT	118.0	117.7	116.8	.3	1.3
Federal government	20.6	20.6	20.3	.1	.3
State government	8.3	8.2	8.6	.1	.2
State government education ^h	3.3	3.3	3.3	.1	.0
State government, except education ...	5.0	5.0	5.2	.1	.2
Local government	89.0	89.0	87.9	.1	1.2
Local government education	46.2	45.8	44.9	.3	1.2
Local government, except education ...	42.9	43.1	43.0	.2	.1

Hours & Earnings of Production or Nonsupervisory Workers^a

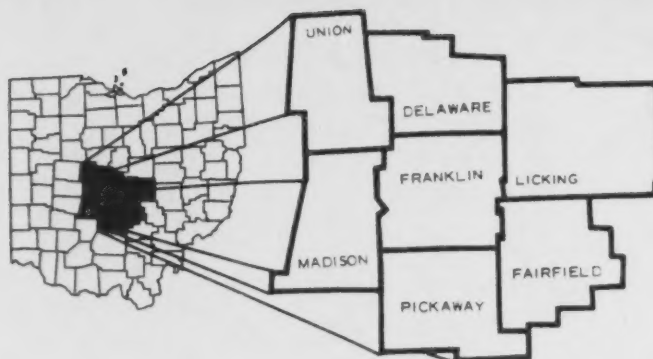
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$509.95	\$500.21	\$498.07	43.4	42.9	42.9	\$11.75	\$11.66	\$11.61
Durable Goods ^e	547.90	536.55	532.88	44.4	43.8	43.5	12.34	12.25	12.25
Primary metal industries	589.15	579.22	632.96	45.6	45.5	45.8	12.92	12.73	13.82
Iron and steel foundries	860.64	797.79	838.63	48.9	46.6	49.8	17.60	17.12	16.84
Fabricated metal products	533.48	549.85	542.21	43.8	44.2	44.7	12.18	12.44	12.13
Fabricated structural metal products ..	384.64	371.84	388.33	39.9	39.1	41.4	9.64	9.51	9.38
Screw machine products, bolts, etc. ..	529.97	519.02	481.05	46.9	46.3	44.5	11.30	11.21	10.81
Metal forgings and stampings	655.87	705.06	697.73	44.8	46.6	47.4	14.64	15.13	14.72
Machinery, except electrical	511.69	489.18	488.63	43.4	42.5	42.9	11.79	11.51	11.39
Construction and related machinery ...	414.04	410.39	386.67	45.3	44.9	43.3	9.14	9.14	8.93
Metalworking machinery	444.29	430.40	412.48	41.1	40.3	40.4	10.81	10.68	10.21
Special industry machinery	491.71	490.53	484.33	41.6	41.5	40.7	11.82	11.82	11.90
General industrial machinery	495.90	504.68	487.01	43.5	44.0	43.6	11.40	11.47	11.17
Electric and electronic equipment	475.89	471.10	428.90	43.5	43.3	40.5	10.94	10.88	10.59
Electrical industrial apparatus	546.94	547.13	450.02	46.0	45.9	40.8	11.89	11.92	11.03
Transportation equipment	729.61	693.42	667.22	46.8	45.5	44.6	15.59	15.24	14.96
Motor vehicles and equipment	807.29	756.51	690.40	47.1	45.3	44.2	17.14	16.70	15.62
Instruments and related products	413.69	408.24	395.08	42.3	41.7	41.5	9.78	9.79	9.52
Measuring and controlling devices	432.43	429.94	417.92	41.7	41.5	42.3	10.37	10.36	9.88
Non durable Goods ^f	420.86	413.51	414.83	41.1	40.7	41.4	10.24	10.16	10.02
Food and kindred products	393.47	386.82	388.09	42.4	42.0	42.6	9.28	9.21	9.11
Apparel and other textile products	328.64	329.78	322.00	39.5	39.4	40.3	8.32	8.37	7.99
Paper and allied products	471.22	462.31	458.89	42.3	41.8	42.1	11.14	11.06	10.90
Printing and publishing	414.41	395.01	418.18	38.3	37.3	38.9	10.82	10.59	10.75
Chemicals and allied products	502.02	511.80	487.72	42.4	42.9	42.3	11.84	11.93	11.53
Rubber and misc. plastics products	377.32	373.47	391.53	42.3	42.2	43.6	8.92	8.85	8.98
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	571.05	571.26	552.27	40.5	40.4	40.4	14.10	14.14	13.67
WHOLESALE TRADE	400.67	403.91	387.83	38.6	38.8	38.9	10.38	10.41	9.97
RETAIL TRADE ^h	181.66	178.05	178.48	27.4	27.1	27.8	6.63	6.57	6.42
FINANCE, INSURANCE, AND REAL ESTATE .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	297.93	296.92	292.56	.....	.....	.....	.....	.....	.....
SERVICES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	341.02	339.14	333.72	31.2	31.0	32.4	10.93	10.94	10.30

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	4,874	4,694	8,145
Active File of Job Seekers	63,562	63,093	75,016
Referrals to Jobs	2,071	1,679	2,543
Placements	375	278	395
Job Openings Received	1,608	1,054	1,259
Job Openings Unfilled	2,885	2,322	1,989
Unemployment Insurance Program			
Initial Claims	7,766	7,680	7,333
Continued Claims	94,711	86,928	86,880
First Payments	3,938	5,495	3,696
Last Payments	1,104	966	1,213
Weeks Compensated	81,226	67,765	72,829
Benefits Paid	\$12,757,587	\$10,553,275	\$10,993,448
Average Weekly Payment	\$159.33	\$158.04	\$153.17

COLUMBUS METROPOLITAN STATISTICAL AREA

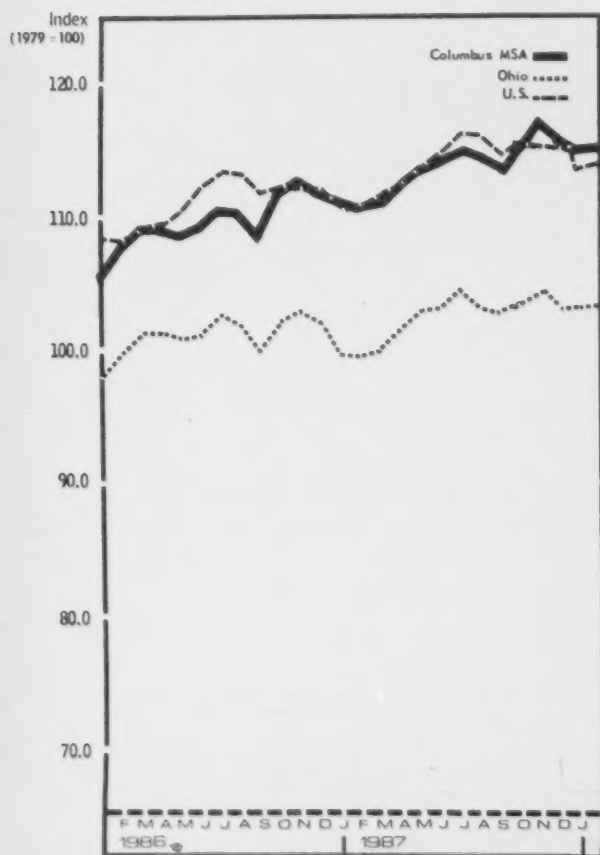


In the Columbus metropolitan area, nonagricultural wage and salary employment increased 4,600 from February, to 667,600 in March. Seasonal growth in services and construction contributed most to the improvement. The manufacturing labor force gained 300 workers during the month. Advances in nondurable goods, especially rubber and miscellaneous plastics products, outweighed scattered losses in durable-goods industries. Production workers earned average wages of \$11.53 per hour, \$.08 higher than last month. The average workweek was .3 hours shorter, at 41.4 hours.

Total nonfarm employment increased 20,500 from March 1987 to March 1988. Expansion in services and retail trade contributed most to this outcome. However, construction, finance, insurance, and real estate, and government also showed important gains. Although nondurable-goods industries added 1,200 jobs, significant losses in transportation equipment and stone, clay, and glass products helped lower total manufacturing employment 1,700 during the period.

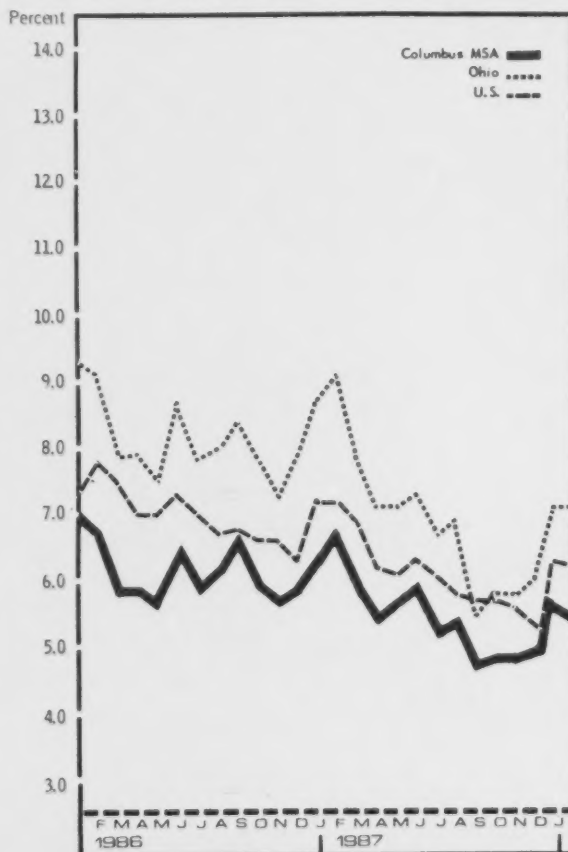
INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S.

(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S.

(Not Seasonally Adjusted)

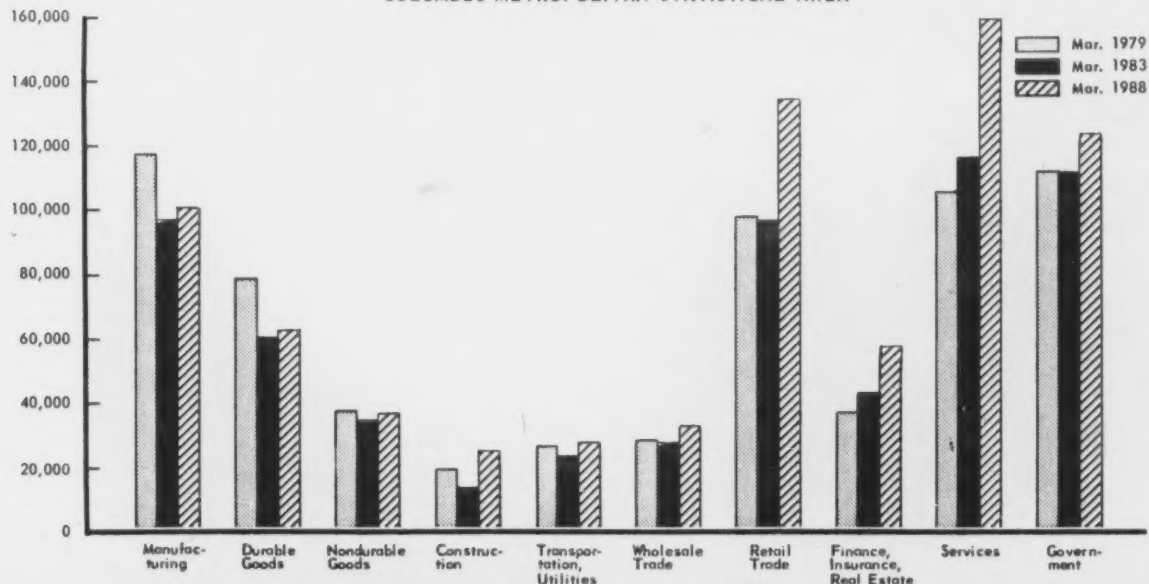


COLUMBUS MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force				Nonagricultural Wage & Salary Employment						
	Total Employed		Unemployed		Manufacturing Employment		Manufacturing Production Workers			
			Total	Rate			Hours and Earnings			
							Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings	
INA	INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA
INA	INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA
INA	INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA
INA	INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA
INA	INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA
INA	INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	\$426.06	40.5	\$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.4	656.9	37.5	5.4	1987	657.7	103.1	68.2	473.52	41.5	11.41
1987										
685.8	639.8	46.0	6.7	February	641.9	103.2	68.4	463.81	40.9	11.34
682.4	643.0	39.4	5.8	March	647.1	103.4	68.6	477.47	41.7	11.45
687.4	650.8	36.6	5.3	April	650.6	103.3	68.3	466.49	41.1	11.35
696.1	657.1	39.1	5.6	May	657.2	103.4	68.4	474.24	41.6	11.40
699.6	659.1	40.4	5.8	June	660.2	103.2	68.5	473.10	41.5	11.40
700.4	664.4	36.0	5.1	July	652.9	102.5	67.6	474.12	41.3	11.48
696.0	659.2	36.8	5.3	August	657.4	102.9	68.0	467.72	41.1	11.38
686.6	655.0	31.6	4.6	September	662.8	102.8	67.9	477.88	41.7	11.46
699.9	666.7	33.1	4.7	October	670.3	102.9	67.9	483.91	42.3	11.44
707.8	674.3	33.5	4.7	November	674.2	102.7	67.8	484.76	42.3	11.46
704.2	669.8	34.5	4.9	December	676.4	102.3	67.3	475.57	41.9	11.35
1988										
701.9	662.2	39.8	5.7	January	662.3	102.1	67.0	468.65	41.4	11.32
703.6	665.9	37.7	5.4	February	663.0	101.4	66.3	477.47	41.7	11.45
INA	INA	INA	INA	March	667.6	101.6	66.5	477.34	41.4	11.53

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	667.6	663.0	647.1	4.6	20.5
MANUFACTURING	101.6	101.4	103.4	.3	- 1.7
Durable Goods ^e	63.9	64.0	66.9	-.1	- 3.0
Stone, clay, and glass products	9.8	9.9	10.6	-.1	-.7
Glass and glassware, pressed or blown	3.7	3.8	4.3	-.1	-.6
Fabricated metal products	9.2	9.2	9.5	.0	-.3
Fabricated structural metal products	2.8	2.9	2.8	-.1	.0
Machinery, except electrical	9.2	9.2	9.1	.0	.1
Electric and electronic equipment	10.7	10.8	11.0	-.1	-.3
Transportation equipment	13.2	13.1	15.1	.0	- 2.0
Instruments and related products	4.2	4.2	4.1	.0	.1
Nondurable Goods ^f	37.7	37.4	36.5	.4	1.2
Food and kindred products	10.4	10.3	10.0	.1	.5
Printing and publishing	10.3	10.3	10.0	.1	.3
Chemicals and allied products	6.7	6.7	6.7	.0	.0
Rubber and misc. plastics products	5.6	5.4	5.2	.2	.3
NONMANUFACTURING^g	566.0	561.7	543.7	4.3	22.3
CONSTRUCTION	26.4	25.5	23.9	.9	2.5
TRANSPORTATION AND PUBLIC UTILITIES	27.9	27.8	27.4	.1	.5
Trucking and warehousing	11.6	11.5	11.4	.1	.2
Communication, electric, gas services ..	11.6	11.6	11.6	.0	.0
WHOLESALE TRADE	35.0	34.8	33.2	.1	1.8
Wholesale trade-durable goods	22.6	22.5	21.4	.0	1.2
RETAIL TRADE	134.9	134.2	129.4	.7	5.6
General merchandise stores	22.2	22.4	20.3	-.2	1.9
FINANCE, INSURANCE, AND REAL ESTATE	58.4	58.4	56.2	.0	2.2
Banking	11.9	12.0	11.4	.0	.5
Insurance carriers	23.2	23.1	22.6	.0	.5
SERVICES	159.4	157.8	151.9	1.6	7.6
Business services	36.3	35.7	34.3	.6	2.0
Health services	40.6	40.4	39.0	.2	1.6
Hospitals	18.0	17.9	17.2	.1	.8
GOVERNMENT	123.0	122.2	120.9	.8	2.1
Federal government	15.2	15.2	15.6	.0	-.5
State government	55.3	54.7	53.8	.6	1.5
State government education ^h	24.1	24.0	23.5	.1	.6
State government, except education ...	31.2	30.7	30.3	.5	.9
Local government	52.5	52.3	51.5	.2	1.0
Local government education	32.6	32.3	31.2	.4	1.4
Local government, except education ...	19.9	20.0	20.3	-.1	-.4

Hours & Earnings of Production or Nonsupervisory Workers^a

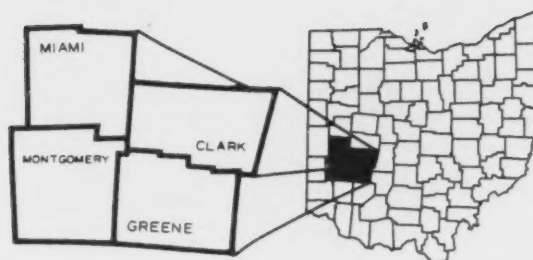
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$477.34	\$477.47	\$477.47	41.4	41.7	41.7	\$11.53	\$11.45	\$11.45
Durable Goods ^e	487.21	490.47	489.90	41.5	42.1	41.8	11.74	11.65	11.72
Stone, clay, and glass products	481.39	466.62	475.60	40.9	40.4	41.0	11.77	11.55	11.60
Glass and glassware, pressed or blown	438.69	429.24	401.32	39.7	39.2	38.7	11.05	10.95	10.37
Fabricated metal products	489.54	501.84	495.32	39.8	40.8	40.5	12.30	12.30	12.23
Fabricated structural metal products	442.41	477.22	449.82	40.7	42.8	42.0	10.87	11.15	10.71
Machinery, except electrical	442.85	454.96	459.06	41.7	42.8	42.0	10.62	10.63	10.93
Electric and electronic equipment	456.74	453.87	441.69	41.0	41.0	39.9	11.14	11.07	11.07
Transportation equipment	616.44	630.19	604.35	44.0	45.6	45.0	14.01	13.82	13.43
Instruments and related products	420.39	418.95	434.50	40.5	40.4	41.9	10.38	10.37	10.37
Nondurable Goods ^f	457.32	452.64	449.76	41.2	41.0	41.3	11.10	11.04	10.89
Food and kindred products	446.35	433.31	441.83	40.8	39.9	41.1	10.94	10.86	10.75
Printing and publishing	522.60	520.87	495.74	39.0	38.9	38.4	13.40	13.39	12.91
Chemicals and allied products	556.20	544.74	536.34	42.2	42.0	42.0	13.18	12.97	12.77
Rubber and misc. plastics products	357.43	363.66	361.56	42.4	43.5	43.3	8.43	8.36	8.35
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	578.14	564.39	543.10	40.8	40.4	40.2	14.17	13.97	13.51
WHOLESALE TRADE	344.10	344.83	345.98	37.2	37.4	38.4	9.25	9.22	9.01
RETAIL TRADE ^h	180.18	175.97	167.72	28.6	28.2	28.0	6.30	6.24	5.99
FINANCE, INSURANCE, AND REAL ESTATE .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	263.20	261.66	255.09	.....	.....	.....	.....	.....	.....
SERVICES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	332.52	335.11	321.10	34.0	34.3	33.8	9.78	9.77	9.50

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	4,431	4,120	5,291
Active File of Job Seekers	33,817	33,598	37,475
Referrals to Jobs	2,606	2,075	2,870
Placements	683	563	576
Job Openings Received	1,283	1,081	2,258
Job Openings Unfilled	2,431	2,482	5,149
Unemployment Insurance Program			
Initial Claims	4,091	5,069	4,767
Continued Claims	55,014	53,181	53,126
First Payments	2,583	3,192	2,263
Last Payments	800	544	602
Weeks Compensated	50,967	44,644	44,067
Benefits Paid	\$8,085,268	\$7,080,238	\$6,658,769
Average Weekly Payment	\$161.48	\$160.72	\$153.94

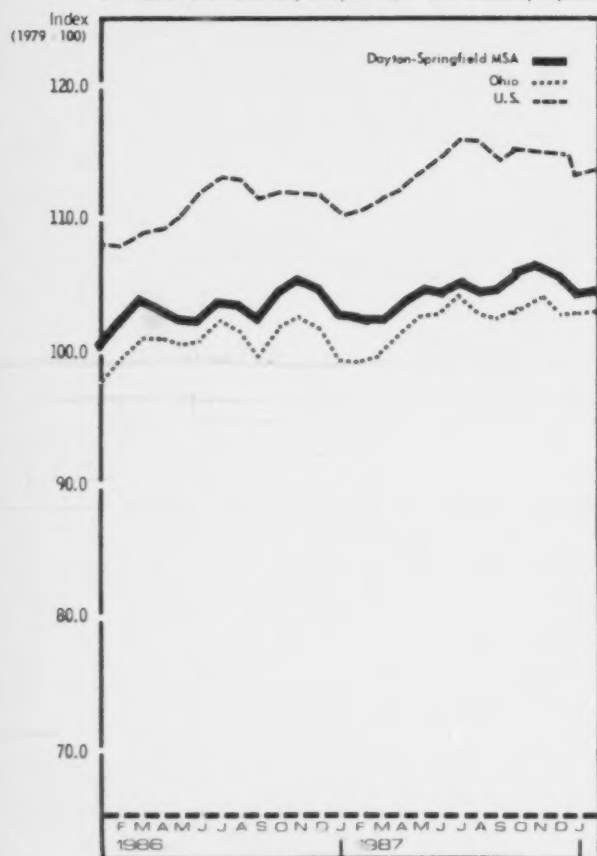
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



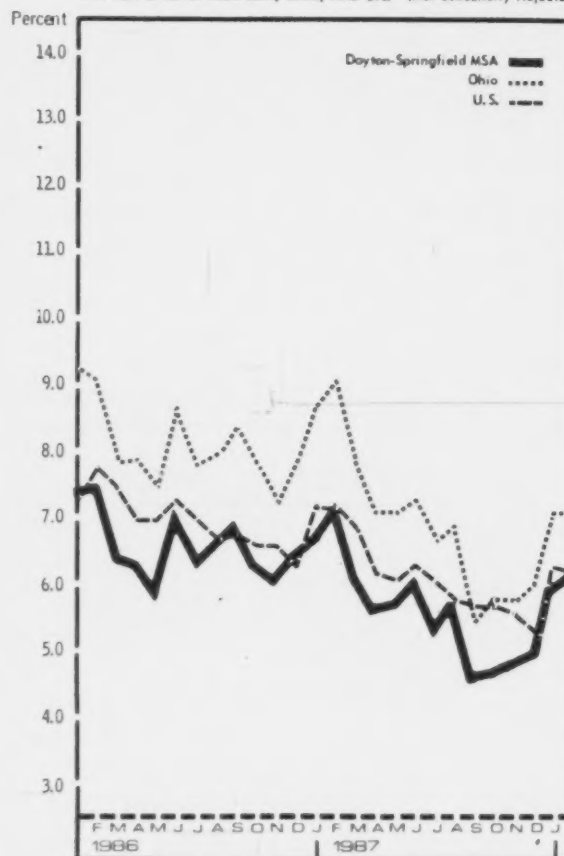
Total nonfarm employment in the Dayton-Springfield metropolitan area rose 3,600 from February, to 430,500 in March. An increased workforce in nonmanufacturing sectors contributed 88.9 percent of the improvement. Primary growth sectors were services, construction, and retail trade. Manufacturing employment was 500 higher in March, due chiefly to gains in transportation equipment. Production workers averaged \$12.38 per hour, an increase of \$.19 from last month. They worked .6 hours longer, for an average workweek of 43.0 hours.

Expansion in nonmanufacturing industries resulted in total nonagricultural wage and salary employment advancing 8,700 since March 1987. Significant growth occurred in services, retail trade, and construction. A major decline in transportation equipment lowered manufacturing employment 1,000 over the period, to 102,300.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

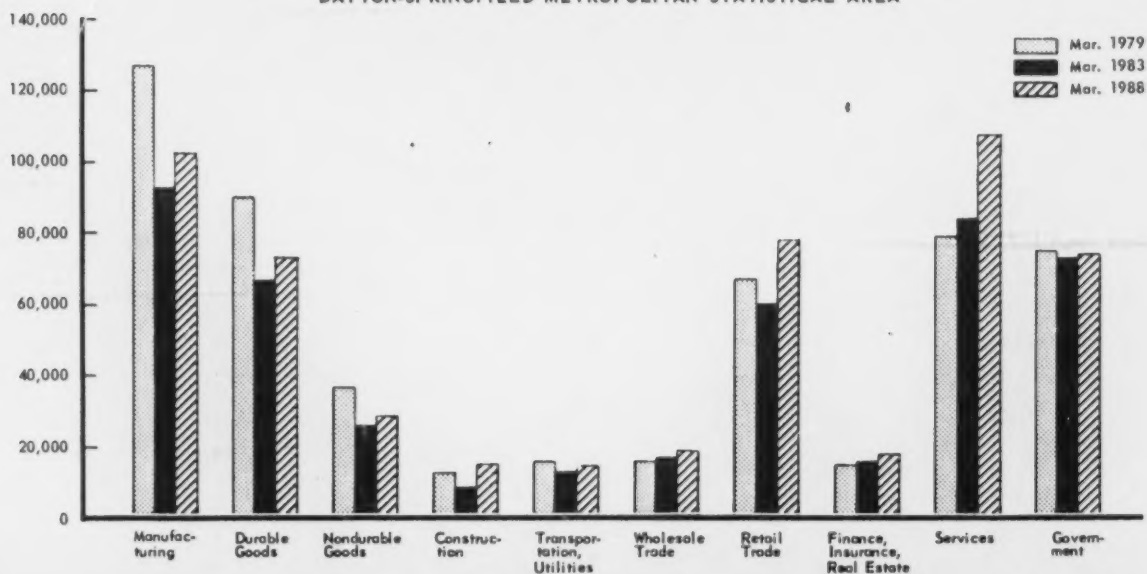


DAYTON-SPRINGFIELD MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force				Nonagricultural Wage & Salary Employment						
	Total Employed		Unemployed			Manufacturing Employment		Manufacturing Production Workers		
			Total	Rate				Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA
INA	INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA
INA	INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA
INA	INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA
INA	INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA
INA	INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	\$480.99	42.9	\$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
461.9	435.8	26.1	5.7	1987	427.9	103.8	66.7	499.38	42.0	11.89
1987										
460.1	426.7	33.5	7.3	February	419.5	103.0	66.4	505.56	42.2	11.98
455.5	427.8	27.8	6.1	March	421.9	103.3	66.4	494.15	41.7	11.85
460.8	434.8	26.0	5.6	April	426.5	103.9	67.0	486.10	41.3	11.77
464.3	437.5	26.8	5.8	May	429.3	104.0	57.0	486.04	41.4	11.74
464.9	436.5	28.4	6.1	June	428.7	104.2	67.0	502.18	42.2	11.90
464.6	439.8	24.8	5.3	July	423.8	103.6	65.8	492.19	41.5	11.86
463.0	436.1	26.9	5.8	August	426.3	104.2	66.4	492.89	41.7	11.82
457.4	436.5	20.9	4.6	September	433.1	104.7	67.6	487.69	41.4	11.78
462.2	440.4	21.8	4.7	October	434.2	103.6	66.7	507.37	42.6	11.91
467.8	445.3	22.6	4.8	November	436.6	103.6	67.0	512.83	42.7	12.01
464.0	440.4	23.6	5.1	December	435.9	103.2	66.5	517.02	42.8	12.00
1988										
463.7	436.1	27.6	5.9	January	427.4	102.4	65.4	507.24	42.2	12.02
465.8	437.2	28.7	6.2	February	426.9	101.9	65.0	516.86	42.4	12.19
INA	INA	INA	INA	March	430.5	102.3	65.5	532.34	43.0	12.38

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	430.5	426.9	421.9	3.6	8.7
MANUFACTURING	102.3	101.9	103.3	.5	- 1.0
Durable Goods ^e	73.7	73.1	74.7	.5	- 1.0
Fabricated metal products	8.3	8.3	8.4	.0	- .2
Machinery, except electrical	30.2	30.3	30.2	-.1	.0
Metalworking machinery	6.6	6.6	6.6	.0	.0
General industrial machinery	2.8	2.8	2.3	.0	.5
Electric and electronic equipment	5.9	5.8	5.9	.1	.0
Electrical industrial apparatus	3.5	3.5	3.6	.0	-.1
Transportation equipment	20.1	19.6	21.1	.4	- 1.0
Nondurable Goods ^f	28.7	28.7	28.6	-.1	.0
Food and kindred products	2.7	2.7	2.8	.0	.0
Paper and allied products	6.0	6.0	5.6	.0	.4
Printing and publishing	8.6	8.6	8.5	.0	.1
Rubber and misc. plastics products	7.7	7.8	8.0	-.1	-.3
NONMANUFACTURING^g	328.2	325.0	318.6	3.2	9.6
CONSTRUCTION	15.6	14.8	14.1	.8	1.5
TRANSPORTATION AND PUBLIC UTILITIES	15.4	15.2	15.2	.2	.1
Communication, electric, gas services ..	5.3	5.4	5.7	.0	-.3
WHOLESALE TRADE	18.7	18.6	18.2	.0	.5
Wholesale trade-durable goods	12.4	12.4	12.0	.0	.4
RETAIL TRADE	78.5	77.9	75.7	.7	2.8
General merchandise stores	11.8	12.0	11.6	-.2	.2
FINANCE, INSURANCE, AND REAL ESTATE	17.9	17.8	17.5	.1	.4
Banking	4.1	4.2	4.4	.0	-.2
Credit agencies other than banks	4.8	4.8	4.5	.1	.3
Insurance carriers	2.7	2.7	3.0	-.1	-.3
SERVICES	107.4	106.5	102.3	.9	5.2
Business services	26.3	26.2	24.3	.1	2.0
Health services	36.0	35.8	35.2	.2	.8
Hospitals	18.4	18.4	18.5	.0	.0
Educational services	8.7	8.7	8.4	.0	.4
GOVERNMENT	74.3	73.9	75.1	.4	-.8
Federal government	28.2	28.2	27.7	.0	.5
State government	7.3	7.2	7.2	.1	.1
State government education ^h	4.5	4.3	4.4	.1	.0
State government, except education ...	2.9	2.9	2.8	.0	.1
Local government	38.8	38.5	40.2	.3	- 1.4
Local government education	24.2	24.0	25.7	.2	- 1.5
Local government, except education ...	14.6	14.5	14.5	.1	.1

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers^a

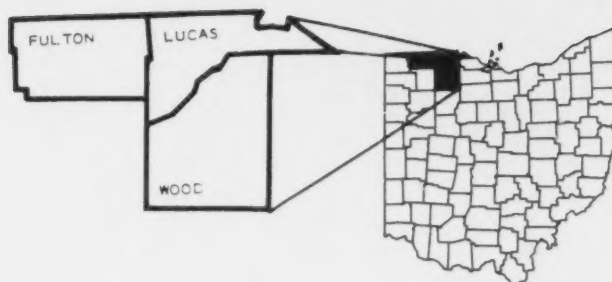
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$532.34	\$516.86	\$494.15	43.0	42.4	41.7	\$12.38	\$12.19	\$11.85
Durable Goods ^e	541.34	524.06	504.11	43.1	42.4	41.8	12.56	12.36	12.06
Fabricated metal products	397.00	395.33	390.73	42.1	42.6	41.7	9.43	9.28	9.37
Machinery, except electrical	553.39	554.26	541.00	42.7	42.8	42.2	12.96	12.95	12.82
Metalworking machinery	556.01	559.98	513.46	45.8	45.9	42.4	12.14	12.20	12.11
General industrial machinery	441.79	439.60	446.61	41.6	41.2	41.2	10.62	10.67	10.84
Electric and electronic equipment	442.06	439.22	433.16	45.2	44.5	44.2	9.78	9.87	9.80
Electrical industrial apparatus	515.86	508.37	520.45	46.6	46.3	47.4	11.07	10.98	10.98
Transportation equipment	689.53	646.18	588.75	44.4	42.4	41.2	15.53	15.24	14.29
Nondurable Goods ^f	504.38	498.85	465.22	42.6	42.6	41.5	11.84	11.71	11.21
Food and kindred products	337.66	351.14	349.45	39.4	40.5	41.9	8.57	8.67	8.34
Paper and allied products	515.59	516.20	493.58	46.2	46.8	46.0	11.16	11.03	10.73
Printing and publishing	432.06	425.70	416.23	39.1	38.7	38.9	11.05	11.00	10.70
Rubber and misc. plastics products	655.11	641.76	565.20	43.5	43.1	40.0	15.06	14.89	14.13
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	573.35	534.76	515.09	41.1	39.7	39.2	13.95	13.47	13.14
WHOLESALE TRADE	421.78	418.40	401.20	40.4	40.0	40.0	10.44	10.46	10.03
RETAIL TRADE ^h	159.80	155.61	156.75	27.6	27.3	27.5	5.79	5.70	5.70
SERVICES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	370.62	370.97	359.44	34.8	34.8	34.2	10.65	10.66	10.51

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. ^jExcludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^kDepressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	2,775	2,628	2,725
Active File of Job Seekers	20,630	20,449	24,061
Referrals to Jobs	1,782	1,027	1,709
Placements	501	251	268
Job Openings Received	875	683	828
Job Openings Unfilled	1,973	2,230	1,699
Unemployment Insurance Program			
Initial Claims	2,310	3,173	2,717
Continued Claims	35,714	36,329	34,498
First Payments	1,616	2,687	1,431
Last Payments	504	381	495
Weeks Compensated	33,252	32,737	28,784
Benefits Paid	\$4,892,895	\$4,817,885	\$4,060,577
Average Weekly Payment	\$148.70	\$149.63	\$143.93

TOLEDO METROPOLITAN STATISTICAL AREA

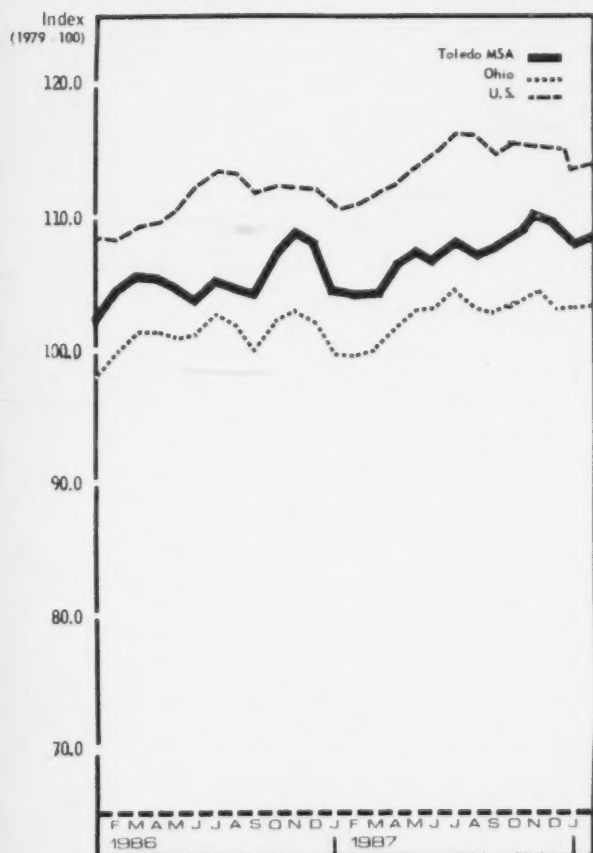


In March, total nonagricultural wage and salary employment in the Toledo area advanced 2,400 over the February level, to 283,900. Improvements in services, government, especially state and local schools and colleges, construction, and retail trade contributed 87.5 percent of the gain. Manufacturing employment remained unchanged at 61,800. Production workers averaged \$13.14 per hour, increasing \$.39 from last month. Their average workweek, 43.0 hours, was 1.7 hours longer.

Total nonfarm employment rose 10,500 between March 1987 and March 1988. Growth was concentrated in nonmanufacturing industries, especially services, retail trade, and construction. Manufacturing employment lost 100 workers over the year. Declines in motor vehicles and equipment and electric and electronic equipment negated modest improvements in stone, clay, and glass products and in nondurable-goods industries.

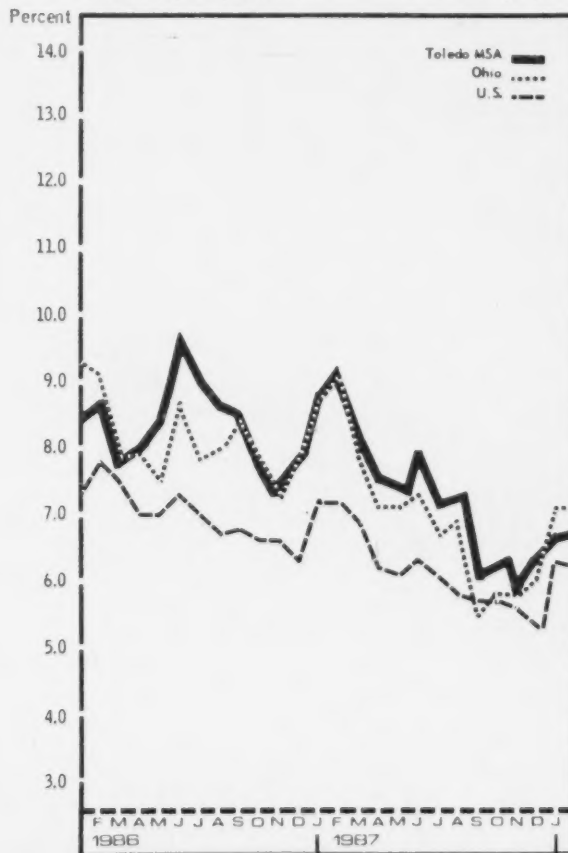
INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S.

(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S.

(Not Seasonally Adjusted)

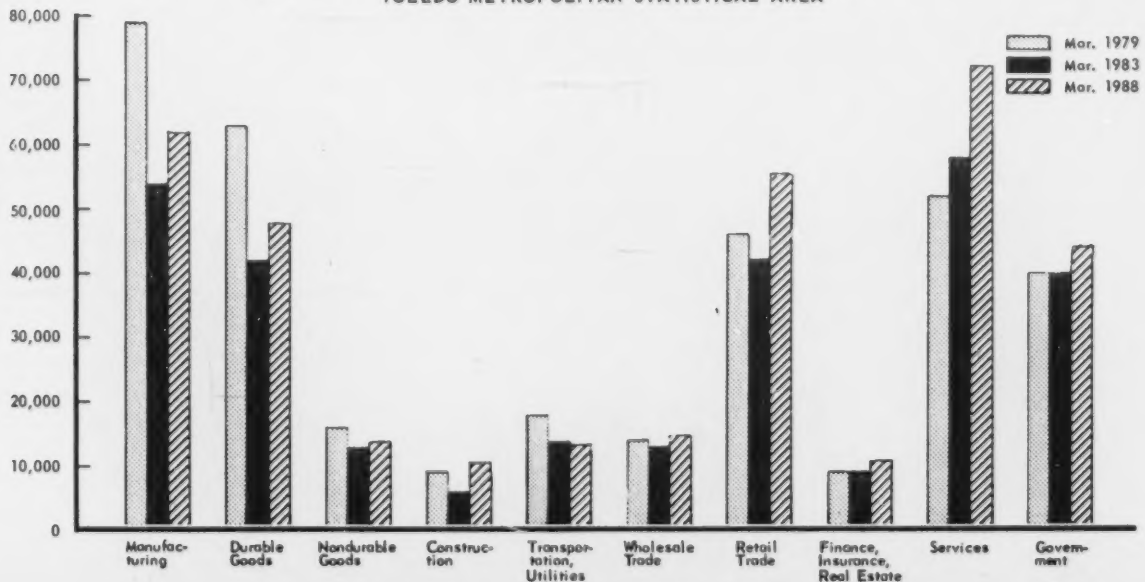


TOLEDO MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force				Nonagricultural Wage & Salary Employment						
	Total Employed		Unemployed			Manufacturing Employment		Manufacturing Production Workers		
			Total	Rate				Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA
INA	INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA
INA	INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA
INA	INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA
INA	INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA
INA	INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	\$502.42	43.2	\$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
308.9	286.4	22.5	7.3	1987	279.4	62.1	43.6	540.60	42.5	12.72
				1987						
306.1	278.0	28.1	9.2	February	271.5	61.8	43.4	547.78	43.2	12.68
303.4	279.0	24.4	8.0	March	273.4	61.9	43.6	543.56	42.8	12.70
307.9	284.8	23.0	7.5	April	277.4	62.0	43.8	537.21	42.4	12.67
310.3	287.5	22.8	7.3	May	280.2	61.8	43.4	532.55	41.9	12.71
309.9	285.5	24.4	7.9	June	278.5	62.0	43.7	529.19	41.8	12.66
311.6	289.6	22.0	7.1	July	277.2	61.6	42.9	523.27	41.3	12.67
308.3	286.0	22.3	7.2	August	277.7	62.5	43.7	534.66	42.4	12.61
305.9	287.5	18.3	6.0	September	283.4	62.9	44.0	539.33	42.4	12.72
311.2	291.7	19.5	6.3	October	285.8	61.6	43.1	536.78	42.1	12.75
313.6	295.5	18.1	5.8	November	287.9	62.4	43.7	548.27	42.8	12.81
313.2	293.4	19.8	6.3	December	288.6	62.5	44.5	556.84	43.3	12.86
				1988						
309.5	289.1	20.4	6.6	January	281.5	62.2	44.6	572.47	43.7	13.10
311.4	290.4	21.0	6.7	February	281.5	61.8	44.1	526.58	41.3	12.75
INA	INA	INA	INA	March	283.9	61.8	44.1	565.02	43.0	13.14

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

**Nonagricultural
Wage &
Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	283.9	281.5	273.4	2.4	10.5
MANUFACTURING	61.8	61.8	61.9	.0	.1
Durable Goods ^e	47.9	47.8	48.3	.1	.4
Stone, clay, and glass products	8.2	8.2	7.9	.1	.3
Primary metal industries	3.5	3.5	3.6	.0	.1
Fabricated metal products	7.6	7.5	7.7	.0	.1
Metal forgings and stampings	3.3	3.3	3.5	.1	.1
Machinery, except electrical	6.2	6.1	6.0	.0	.2
Electric and electronic equipment	2.3	2.3	2.6	.0	.3
Transportation equipment	15.4	15.4	16.2	.1	.8
Motor vehicles and equipment	14.5	14.5	15.2	.1	.8
Nondurable Goods ^f	13.9	14.0	13.6	.1	.3
Food and kindred products	3.6	3.6	3.4	.1	.2
Rubber and misc. plastics products	3.1	3.0	2.9	.1	.2
NONMANUFACTURING^g	222.2	219.7	211.6	2.5	10.6
CONSTRUCTION	10.5	10.1	8.8	.4	1.7
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.4	13.1	.2	.5
Trucking and warehousing	5.4	5.3	5.1	.1	.3
Communication, electric, gas services ..	5.0	5.0	5.0	.0	.0
WHOLESALE TRADE	15.0	14.9	14.3	.1	.7
Wholesale trade-durable goods	9.8	9.8	9.5	.0	.3
RETAIL TRADE	55.3	54.9	52.3	.4	3.1
General merchandise stores	7.2	7.2	7.6	.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	11.2	11.2	11.1	.0	.2
Banking	3.6	3.6	3.4	.0	.2
SERVICES	72.4	71.6	68.8	.8	3.7
Business services	15.3	15.1	13.6	.2	1.7
Health services	27.2	27.1	26.8	.1	.4
Hospitals	15.2	15.2	15.2	.0	.0
GOVERNMENT	44.0	43.5	43.1	.5	.8
State government	16.4	16.2	16.3	.2	.2
State government education ^h	12.4	12.2	12.2	.2	.2
State government, except education ..	4.0	4.0	4.0	.0	.0
Local government	24.9	24.7	24.2	.2	.7
Local government education	14.5	14.3	14.1	.2	.3
Local government, except education ..	10.4	10.3	10.1	.1	.3

Hours & Earnings of Production or Nonsupervisory Workers^a

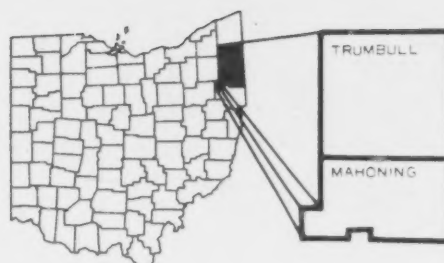
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$565.02	\$526.58	\$543.56	43.0	41.3	42.8	\$13.14	\$12.75	\$12.70
Durable Goods ^e	592.70	547.64	565.02	43.2	41.3	43.0	13.72	13.26	13.14
Stone, clay, and glass products	532.30	504.27	524.34	41.2	39.8	40.9	12.92	12.67	12.82
Primary metal industries	484.27	474.88	507.30	43.2	42.4	44.5	11.21	11.20	11.40
Fabricated metal products	539.72	560.28	535.35	42.1	43.5	43.0	12.82	12.88	12.45
Metal forgings and stampings	687.73	726.33	682.86	44.6	46.5	46.9	15.42	15.62	14.56
Machinery, except electrical	508.98	520.37	481.74	42.7	43.4	42.0	11.92	11.99	11.47
Electric and electronic equipment	511.70	546.12	547.83	41.4	42.9	42.9	12.36	12.73	12.77
Transportation equipment	748.48	614.23	670.14	44.9	38.9	43.8	16.67	15.79	15.30
Motor vehicles and equipment	756.00	616.92	672.77	45.0	38.8	43.8	16.80	15.90	15.36
Nondurable Goods ^f	458.89	448.52	464.25	42.1	41.3	41.9	10.90	10.86	11.08
Food and kindred products	526.58	533.63	611.80	42.5	43.0	46.0	12.39	12.41	13.30
Rubber and misc. plastics products	336.60	334.97	310.47	41.2	40.9	39.5	8.17	8.19	7.86
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	625.62	584.45	580.46	42.3	40.7	41.7	14.79	14.36	13.92
WHOLESALE TRADE	371.70	368.06	351.19	38.8	38.3	37.4	9.58	9.61	9.39
RETAIL TRADE ^h	161.58	157.62	159.60	28.7	28.4	28.5	5.63	5.55	5.60

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	2,315	2,130	2,462
Active File of Job Seekers	19,031	18,333	21,111
Referrals to Jobs	1,247	1,005	1,331
Placements	243	256	235
Job Openings Received	519	528	635
Job Openings Unfilled	835	666	985
Unemployment Insurance Program			
Initial Claims	2,983	4,623	3,856
Continued Claims	30,822	30,036	34,235
First Payments	1,586	2,163	1,497
Last Payments	328	285	364
Weeks Compensated	26,414	23,806	26,543
Benefits Paid	\$4,052,640	\$3,591,481	\$3,924,068
Average Weekly Payment	\$156.13	\$153.61	\$150.87

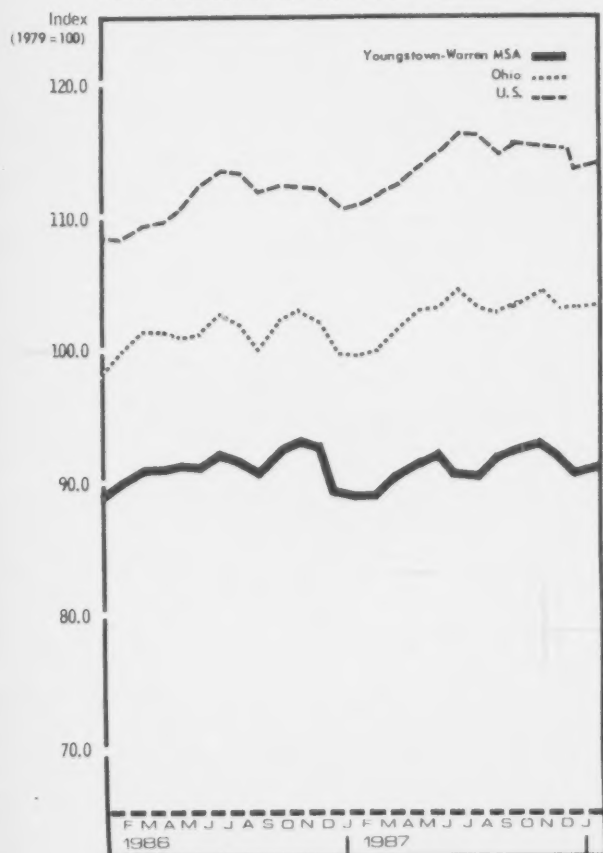
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



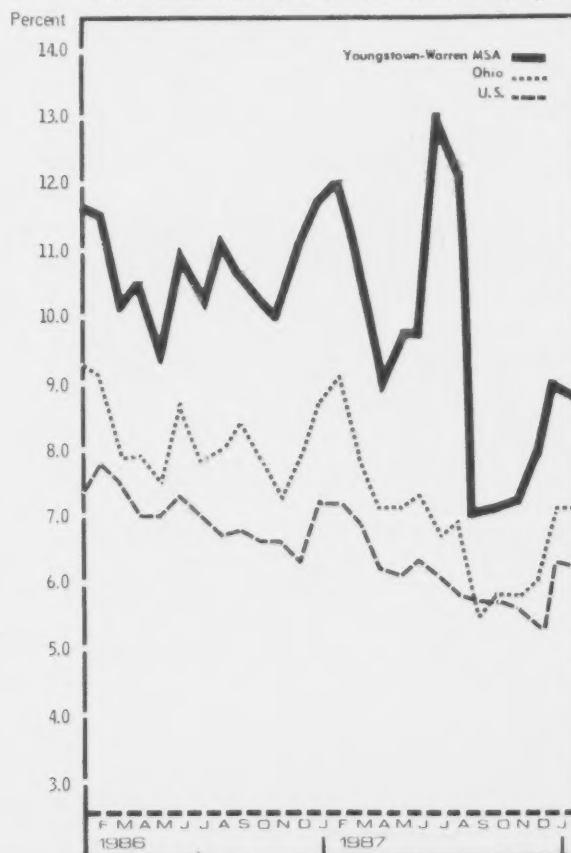
Total nonfarm employment in the Youngstown-Warren area was 1,800 above the February level, at 189,700 in March. Nonmanufacturing employment increased 1,300. Primary growth sectors were retail trade, construction, and services. Moderate improvements in durable-goods industries, especially primary metal industries, contributed most to the gain of 500 manufacturing jobs since February. Factory workers earned an average of \$13.40 per hour, up \$.03 from last month. Their average workweek, 41.6 hours, was slightly longer.

Nonagricultural wage and salary employment increased 4,500 since March 1987. Expansion in services and retail trade contributed 64.4 percent of the gain. Marked improvement was also noted in wholesale trade and construction. Manufacturing employment recorded a slight increase of 100, to 49,700. Growth in fabricated metal products offset scattered losses in other durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

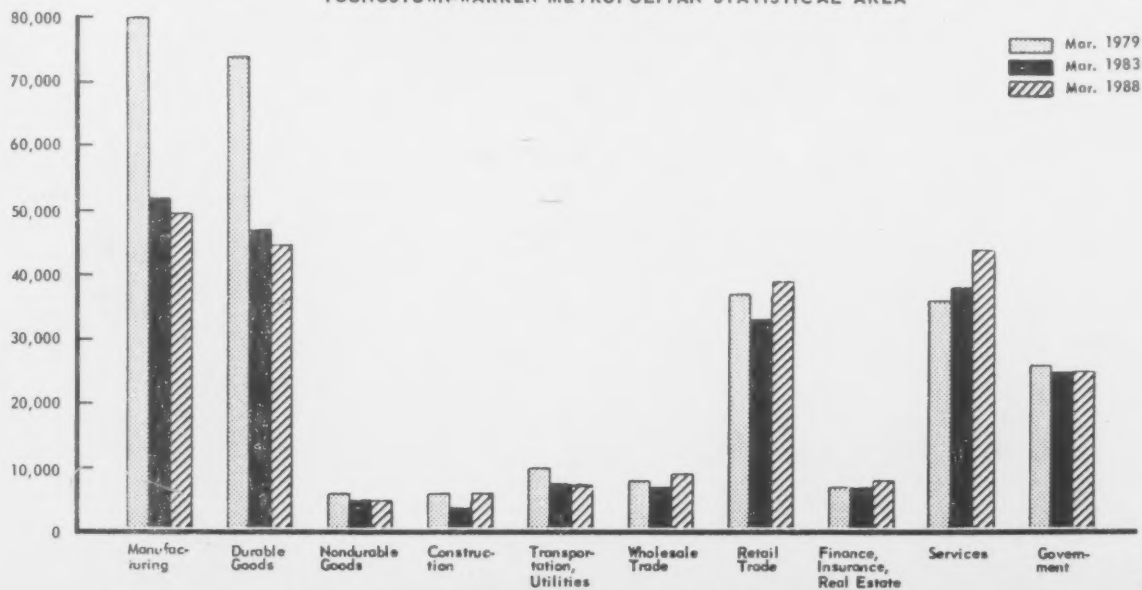


YOUNGSTOWN-WARREN MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
Total Employed					Manufacturing Employment					
Unemployed					Manufacturing Production Workers					
Total					Hours and Earnings					
Rate					Average					
					Weekly					
					Earnings					
					Average					
					Hourly					
					Earnings					
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	\$313.50	40.4	\$ 7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.3	199.7	21.5	9.7	1987	188.1	48.8	36.6	567.91	42.7	13.30
222.2	195.5	26.8	12.0	1987						
217.9	195.5	22.4	10.3	February	184.3	49.3	36.9	580.13	43.1	13.46
218.4	199.1	19.3	8.8	March	185.2	49.6	37.2	579.79	43.3	13.39
223.0	201.5	21.5	9.7	April	187.4	49.7	37.4	571.94	43.1	13.27
224.1	202.4	21.7	9.7	May	189.6	49.1	36.8	565.78	42.7	13.25
228.0	198.4	29.6	13.0	June	190.8	49.2	36.9	566.67	42.8	13.24
225.2	197.9	27.4	12.1	July	183.4	43.8	31.5	541.80	42.0	12.90
216.6	201.6	15.0	6.9	August	185.5	45.9	33.8	548.98	42.1	13.04
218.8	203.3	15.5	7.1	September	191.8	50.5	38.2	581.52	43.3	13.43
220.2	204.5	15.8	7.2	October	191.8	49.8	37.8	566.67	42.8	13.24
219.1	201.7	17.4	7.9	November	191.9	49.7	37.8	566.89	42.4	13.37
				December	191.5	49.4	37.6	560.03	41.7	13.43
218.9	199.2	19.7	9.0	1988						
219.6	200.4	19.2	8.7	January	187.3	49.1	37.3	557.61	41.8	13.34
INA	INA	INA	INA	February	187.9	49.2	37.4	554.86	41.5	13.37
				March	189.7	49.7	37.8	557.44	41.6	13.40

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown-Warren MSA

Nonagricultural Wage & Salary Employment^a

	Employment (in thousands)			Change ^d (in thousands)	
	March 1988 ^b	February 1988 ^c	March 1987 ^c	From Last Month	From Last Year
TOTAL	189.7	187.9	185.2	1.8	4.5
MANUFACTURING	49.7	49.2	49.6	.5	.1
Durable Goods ^e	44.6	44.0	44.6	.6	.0
Primary metal industries	18.6	18.3	18.6	.2	.1
Blast furnace and basic steel products	5.7	5.6	5.8	.0	.1
Fabricated metal products	7.5	7.4	7.3	.1	.2
Machinery, except electrical	3.7	3.7	3.8	.0	.1
Electric and electronic equipment	2.2	2.2	2.2	.0	.0
Transportation equipment	9.5	9.5	9.6	.0	.1
Nondurable Goods ^f	5.1	5.1	5.0	.1	.1
NONMANUFACTURING^g	140.1	138.8	135.6	1.3	4.4
CONSTRUCTION	6.3	6.0	5.7	.4	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.5	7.5	.0	.1
Communication, electric, gas services ..	3.0	3.0	3.0	.0	.0
WHOLESALE TRADE	9.8	9.8	9.0	.1	.8
Wholesale trade-durable goods	6.1	6.1	5.7	.0	.4
RETAIL TRADE	38.9	38.5	37.5	.5	1.4
General merchandise stores	5.0	5.1	5.3	.1	.3
FINANCE, INSURANCE, AND REAL ESTATE	8.1	8.1	8.0	.0	.1
Banking	2.8	2.8	2.8	.0	.1
SERVICES	43.9	43.6	42.5	.3	1.5
Health services	19.4	19.4	19.1	.0	.4
Hospitals	10.0	10.0	10.0	.0	.0
GOVERNMENT	24.8	24.8	24.8	.0	.0
State government	4.4	4.4	4.4	.0	.0
State government education ^h	2.9	2.9	2.9	.0	.0
State government, except education ...	1.5	1.5	1.5	.0	.0
Local government	18.2	18.3	18.4	.1	.1
Local government education	12.0	12.0	12.1	.1	.1
Local government, except education ...	6.2	6.3	6.3	.0	.0

Youngstown-Warren MSA

**Hours & Earnings
of Production or
Nonsupervisory
Workers^a**

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c	Mar. 1988 ^b	Feb. 1988 ^c	Mar. 1987 ^c
MANUFACTURING	\$557.44	\$554.86	\$579.79	41.6	41.5	43.3	\$13.40	\$13.37	\$13.39
Durable Goods ^e	570.57	567.95	598.19	41.8	41.7	43.6	13.65	13.62	13.72
Primary metal industries	606.32	606.94	609.76	41.5	41.6	42.7	14.61	14.59	14.28
Blast furnace and basic steel products	644.93	660.78	631.80	46.7	47.3	45.0	13.81	13.97	14.04
Fabricated metal products	544.99	540.47	565.82	41.1	41.1	42.1	13.26	13.15	13.44
Machinery, except electrical	492.06	486.49	480.90	42.9	42.6	42.0	11.47	11.42	11.45
Electric and electronic equipment	452.47	451.67	417.79	40.8	40.4	38.9	11.09	11.18	10.74
Transportation equipment	623.66	621.78	732.89	42.6	42.5	48.6	14.64	14.63	15.08
Non durable Goods ^f	403.12	399.50	395.35	39.1	38.9	40.8	10.31	10.27	9.69
TRANSPORTATION AND PUBLIC UTILITIES	542.70	538.56	524.83	39.7	39.6	39.7	13.67	13.60	13.22
Communication, electric, gas services ..	542.70	538.56	524.83	39.7	39.6	39.7	13.67	13.60	13.22
WHOLESALE TRADE	347.22	351.66	335.54	37.7	38.1	38.0	9.21	9.23	8.83
RETAIL TRADE ^h	173.69	171.60	169.65	28.9	28.6	29.0	6.01	6.00	5.85

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. ^fIncludes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

**Selected Administrative
Program Activities**

	March 1988	February 1988	March 1987
Employment Service Program			
New Applicants	2,338	2,048	1,890
Active File of Job Seekers	17,773	16,911	22,494
Referrals to Jobs	1,058	1,364	936
Placements	224	247	258
Job Openings Received	489	500	381
Job Openings Unfilled	749	599	483
Unemployment Insurance Program			
Initial Claims	3,051	4,013	4,633
Continued Claims	26,928	27,137	31,748
First Payments	1,432	1,868	1,310
Last Payments	270	276	372
Weeks Compensated	25,066	23,857	26,656
Benefits Paid	\$3,700,081	\$3,525,554	\$3,829,305
Average Weekly Payment	\$150.72	\$150.60	\$147.73

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural
Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	.40	.2
Manufacturing	.56	.3
Nonmanufacturing	.35	.2
Mining	.56	1.1
Construction	.17	1.1
Transportation and Public Utilities	.43	.3
Wholesale Trade	.19	.3
Retail Trade	.20	.4
Finance, Insurance, and Real Estate	.42	.2
Services	.26	.3
Government	.70	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than .2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \frac{\text{Total Employment (previous month)} \times \text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1987 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Ohio

	March 1988	February 1988	March 1987
New Applicants	40,729	38,003	44,080
Active File of Job Seekers	297,532	297,815	345,468
Counseling Interviews	1,410	1,184	1,758
Tests Administered	4,432	4,169	4,208
General Aptitude Tests	380	348	560
Proficiency Tests	456	413	528
Specific Aptitude Tests	1,063	1,110	952
Referrals to Jobs	25,632	20,640	24,404
Placements	5,521	4,807	4,837
Job Openings Received	12,420	9,454	12,372
Job Openings Unfilled	19,562	16,919	20,544

Selected Unemployment Insurance Activities

	March 1988	February 1988	March 1987
Initial Claims	46,787	56,872	58,948
Continued Claims	587,431	577,761	599,081
First Payments	26,894	37,532	24,497
Last Payments	8,581	5,717	7,375
Average Weekly Claimants	126,378	135,868	136,208
Average Weekly Benefit Recipients	114,848	119,232	121,596
Weeks Compensated	530,937	476,928	492,489
Benefits Paid	\$81,677,838	\$73,408,382	\$73,150,826
Average Weekly Payment	\$156.95	\$156.82	\$151.73
Continued Claims for Survey Week	126,347	140,204	136,453
Insured Unemployment Rate	2.9	3.2	3.2
Net Contributions	\$4,530,769	\$76,085,364	\$3,920,243
Active Employer Accounts	199,793	197,625	196,049

Labor Market Review

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